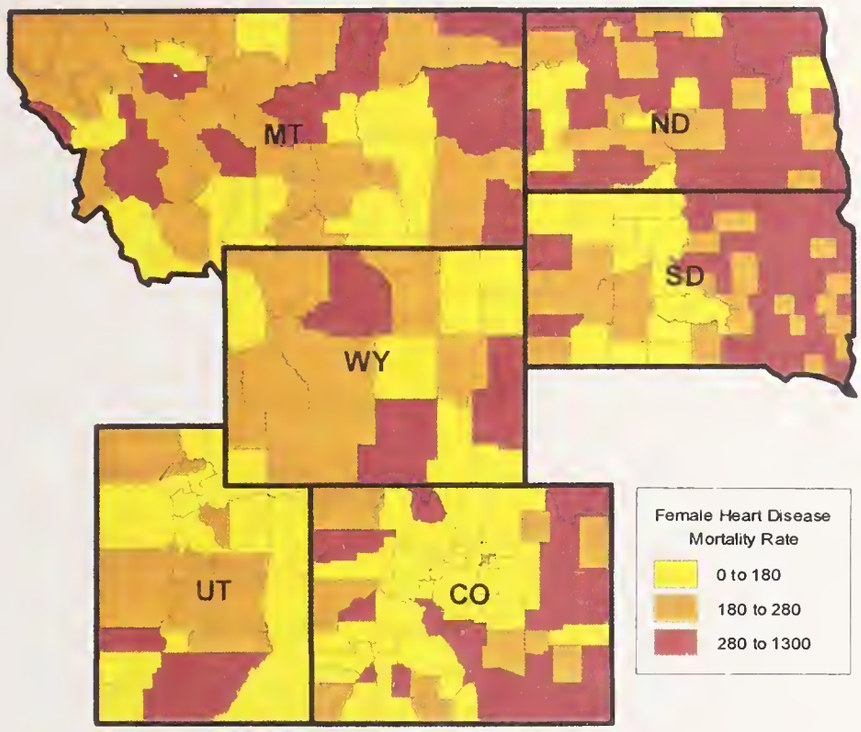
REGION VIII WOMEN'S HEALTH STATUS INDICATORS

Contract Number:

98D49357101D

August 27, 1999



Source: NCHS, 1996 Mortality File

(Region VIII - 187.2, Nation - 275.5)

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Public Health Service, Region VIII
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This publication was developed by Quality Resource Systems, Inc. (QRS) under contract with the Office on Women's Health (OWH), Office of Public Health and Science, U.S. Department of Health and Human Services, Region VIII.

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The special interests and efforts of all of those who participated in the development of this document is sincerely appreciated.

'Every Woman' logo created by Michigan Department of Community Health.

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1.0

INTRODUCTION

The Denver Regional Office of the Department of Health and Human Services entered into a contract with Quality Resource Systems, Inc. in September 1998 to prepare health status indicators for women in the six-state region.[1] The intent of the contract was to:

- identify a meaningful set of indicators depicting women's health in the region as compared to the nation as a whole;
- collect and integrate available data to calculate the indicators; and
- consolidate the indicators in a document to both provide current information and serve as a baseline against which progress can be assessed.

In order to benefit from the thoughts of all interested parties, the Regional Office coordinated oversight of the contract with representatives from each of the states in the region. The Regional Office Project Officer and the state representatives, the latter collectively called State Women's Health Coordinators, or SWHC's, interacted with the project staff on a regular basis and guided the contract activities.

The states comprising Region VIII—Colorado, Montana, North Dakota, South Dakota, Utah, and Wyoming—are in a similar situation to essentially all other states in the nation. That is, the states have extensive public health responsibilities and limited, often incomplete data upon which to plan for these responsibilities. Further, the issues confronting the states are impacted, to an extent, by populations and events occurring in jurisdictions outside their borders. As such, the Regional Office served as a catalyst for bringing together the requirements of the six states, and issuing a contract to address the common needs of the states.

As noted, the representatives wanted to accomplish two basic objectives:

1. Develop a set of indicators of women's health status in the region; and
2. Provide a baseline by estimating the indicators for the six states in the region.

The intent of the first objective was, in part, to bring together a consolidated set of informational needs that would be agreed upon by all the representatives as being beneficial in describing the health status of women. Satisfaction of the second objective would permit the Regional Office and the SWHC's to take a snapshot of the health status of women today, and to establish a baseline for assessing progress in the future.

[1] Contract Number 98D493571.

The first objective was satisfied by a set of parallel activities. One of the activities sought data upon which the indicators could be developed, and the second reviewed the literature and recommendations of government and private forecasts with regard to the factors considered important in assessing women's health. In addition, Quality Resource Systems, Inc. brought together a panel of five eminent physicians to serve as external advisors to the project.[2] Each of the physicians is board-certified in his/her specialty, actively practices medicine, maintains an academic affiliation, and has served as a participant on other health services research projects. The physicians participated in the establishment of health status indicators and reviewed this resultant document.

The second objective of the contract is satisfied herein. Data were sought from an extensive number (and diversity) of sources. These data were matched against the indicators resulting from the first objective; where the data permitted, the indicators were calculated. The data obtained have been edited, and to the extent possible, represent a consistent set for all jurisdictions in the region. For example, if a particular data element was not available for three or more of the states, the data was not included in the effort. Future efforts will seek data in these cases as well as in areas where no data presently exist.

Data for this contract was sought at the county level. The expectation was that small-area analyses would be most useful for targeting pockets of unmet needs and establishing a regional approach for addressing the needs. This approach proved only partially successful. Data were available for indicators of general demographic characteristics, mortality, reproductive health, maternal health, and access to health care. Data were partially available (that is, for all counties in some states) for indicators of infectious and chronic diseases, mental health, and violence/abuse and homicide. No data were available for indicators of preventive health below the state level.

This document is presented in eleven chapters and a series of appendices. Following this introduction is a chapter summarizing the major findings of the contract. Next, is a chapter describing the demographic characteristics of females in the region; the information is important in assessing the number of occurrences and the rates presented in subsequent chapters. Then eight chapters are presented discussing the findings in each of the content areas of interest: mortality, infectious and chronic diseases, mental health, reproductive health, maternal health, violence/abuse and homicide, preventive health, and access to health care.

The document concludes with appendices and an index of major topics. The appendices present data sources (Appendix A), methods employed (Appendix B), detailed data tabulations (state-level data in Appendix C and county-level data in Appendix D), and maps of the states (Appendix E). With regard to the data tabulations, the following should be noted; there are: a total of 291 counties in the six states of Region VIII, five age cohorts of interest, five race/ethnicity categories, and hundreds of variables that have been considered. Because of the small populations of most of the 291 counties, especially when stratified by gender, race, and age, there are many instances of either zero cases or numbers so small that privacy issues prevent

[2] Martin Allen, M.D. (psychiatry), Michael Goodman, M.D. (obstetrics/gynecology), Antoni Goral, M.D. (orthopedics), Julie Swain, M.D. (cardiology/cardiac surgery), and Raymond Weiss, M.D. (oncology).

their publication. For example, 263 of the 291 counties had no female deaths due to alcohol dependence and only one county had a black female suicide death in 1996. As a result, detailed county-level data are provided only when there are sufficient numbers of occurrences to be meaningful. Even so, these indicators should be interpreted with caution due to the small numbers.

2.0

SUMMARY

While there is no single measure or indicator characterizing women's health, the overall conclusion is that the health status of women in Region VIII is better than for women nationwide. When compared to all women in the US, women in the region: have a lower overall mortality rate, have a lower rate of most infectious and chronic diseases, and exhibit better indicators of reproductive health and maternal health. However, the results in area of violence and abuse are mixed—women in Region VIII have a higher rate of rape and a lower rate of murder than did women across the nation.

Additionally, women in the region had poorer indicators of mental health and preventive behaviors. In the area of 'access to health resources' women in the six-state area fared better than might have been expected when considering the small population and the extensive geographic dispersion of the female population.

As is noted throughout this document, the data upon which the results are based are sparse in some issue-areas and quite complete in others. Care must be taken when assimilating the findings of this document to give proper consideration to the absolute value of the incidence underlying the findings—both the numerators and denominators. For example, many of the numerators of the health status indicators are incidences of injury, illness, behaviors, etc. In many cases, the number of occurrences is quite small. At the same time the denominators also tend to be small. The result in many cases is a magnification or distortion of the real situation. Two approaches have been taken to minimize misinterpretation of the findings: (1) cautions are offered in the discussions introducing the findings, and (2) to the extent possible, detailed data presentations are provided in the appendices to the document.

As a final cautionary note, since this document represents a baseline for future reference, the project sponsors decided that age-adjustments should use a standardized year 2000 population. As a result, age-adjusted values will appear much different than those in a number of the leading health status publications which use a population standardized for 1940. For example, the 1996 age-adjusted heart disease mortality rate—the leading cause of death for both women and men—based on a 1940 standardized population is 98.2 per 100,000 females and the rate based on a Year 2000 population is 234.1.

2.1 DEMOGRAPHICS

As noted in Chapter 3, indicators throughout the document are directly dependent upon the characteristics of the female populations in each jurisdiction, whether county, state, region, or the entire nation. In order to understand the meaning of the indicators, the reader should consider the data that impact the results.

Females in Region VIII constitute approximately 3 percent of the US female population. However, the racial composition is quite different from the nation as a whole. Although they represent approximately 3 percent of the White and Hispanic female populations in the US, nearly 10 percent of American Indian women are located in the region and only about one percent of Black and Asian/Pacific Islander women are located in the region.

Additionally, there are fewer minority females in the region than in the entire nation. White females comprise 93 percent of the female population of the region while nationally Whites comprise 82 percent of the female population. The imbalance is not uniform across racial and ethnic groups:

- Black women only comprise two percent of the population in the region whereas they make up 13 percent of the national population;
- Asian/Pacific Islander females are less than two percent of the regional female population while they comprise almost four percent of the female population across the nation;
- Hispanic females comprise eight percent of the regional population and ten percent of the national female population; and
- American Indian females are over two percent of the regional female population while less than one percent of the national female population.

It is interesting to note that females comprise 50.3 percent of the total population of the region (that is, males and females), while nationwide, females constitute 51.1 percent of the population.

Also, the female population tends to be younger when compared to all females in the country. As shown in Table 2.1, the younger cohorts are a larger percentage of the total female population in the region than in the nation. The regional population under 25 years of age constitutes 37.5 percent of all females in the region, whereas all females under 25 years across the nation make up 33.6 percent of the female population. At the other extreme, 35.3 percent of women in the nation are 45 years of age or older, while in the region only 32.6 percent of women are in this category.

TABLE 2.1: PERCENT OF TOTAL FEMALE POPULATION BY AGE: 1996

	<15	15-19	20-24	25-44	45-64	65-84	85+
Region VIII	22.5%	8.0%	7.0%	30.0%	20.2%	10.6%	1.8%
Total US	20.8%	6.7%	6.3%	31.0%	20.5%	12.8%	2.0%

Source: US Bureau of the Census, *Estimates of the Population of Counties by Age, Sex, Race and Hispanic Origin: 1990 to 1996*

Additionally, Chapter 3 describes and discusses the rural nature of the region.

2.2 MORTALITY

Women in Region VIII have lower mortality rates from all causes and for each of the seven leading causes of death, with the exception of unintentional injuries—which is mainly motor vehicle accidents. When age-adjusting the mortality rates, women in the region still show a lower rate for heart diseases (92% of the national rate) and all cancers (78% of the national rate), about the same rate for cerebrovascular diseases and pneumonia/influenza, and higher rates for COPD (110% of the national rate), unintentional injuries (115%), and diabetes (148%). With regard to diabetes mortality, each of the Region VIII states had an age-adjusted mortality rate above the national value.

When examining mortality by race and ethnicity, a number of findings are noteworthy, and are discussed in some detail in Chapter 4. Among the more substantial differences between the region and the nation are the following:

- White females have a mortality rate from mental disorders that is 21 percent higher than the national rate for White women.
- Black females have a mortality rate from genitourinary diseases that is 18 percent higher than the national rate for Black women.
- American Indian females have a mortality rate from lung cancer that is 87 percent higher than the national rate for American Indian women, a mortality rate from colorectal cancer 23 percent higher, metabolic diseases 58 percent higher, diabetes 70 percent higher, diseases of the blood 98 percent higher, mental diseases 53 percent higher, arterial diseases 104 percent higher, pneumonia/influenza 33 percent higher, digestive disorders 60 percent higher, and genitourinary diseases that are 21 percent higher than for American Indian women across the nation.
- Asian/Pacific Islander females have higher mortality rates from infectious diseases (80%), arterial diseases (26%), COPD (15%), genitourinary (27%), and motor vehicle accidents (84%); and
- Hispanic females have a higher mortality rate from lung cancer (32%), colorectal cancer (40%), mental diseases (118%--note, there were a total of 26 deaths in the entire region), cerebrovascular diseases (26%), arterial diseases (86%), respiratory diseases (49%), pneumonia/influenza (63%), COPD (56%), digestive disorders (79%), genitourinary (30%), motor vehicle accidents (106%--note, there were 61 deaths in the region), and other accidents (46%).

When examining age-adjusted mortality rates by race, the following was found:

- White females were equal to, or lower than the national rates for the three leading causes of death;
- Black females were lower in all three cases
- American Indian females were substantially above the national rates;
- Asian/Pacific Islander women were considerably lower; and
- Hispanic females were lower than the national rate for heart diseases but higher for cancers and cerebrovascular diseases.

Female deaths by age show that women in the region were below the national rates in each age cohort.

2.3 INFECTIOUS AND CHRONIC DISEASES

Data were difficult to obtain for indicators of infectious and chronic diseases. To the extent available, data were obtained from the individual state agencies, and, with regard to infectious disease, were mainly available for the sexually transmitted diseases, hepatitis, and tuberculosis. Chronic disease data were available for cancers, by site, and for diabetes, elevated cholesterol, and hypertension. Cancer data were obtained from state registries, and the latter three categories of chronic diseases were obtained from survey data, not from registries or other reporting systems.

A significant variation is noted within each category of **infectious** disease. This calls into question the commonality of definitions, collection completeness, and reporting among the states. As an example of the variation in the reported data, the range of incidence rates for chlamydia ranges from a low of 198 per 100,000 females (in Utah) to a high of 412 per 100,000 females (in Colorado). Even more startling is the variation in reported incidence of gonorrhea—Montana reported 9.1 cases per 100,000 females and Colorado reported 82 cases per 100,000 females. A similar spread is found for hepatitis A—South Dakota reported 4.2 cases per 100,000 females and Utah reported 37.5 per 100,000 females.

Therefore, while the data obtained from the state agencies are provided in Chapter 5, caution should be taken when comparing the data across jurisdictions and when generalizing from these data since they were not available from a single, standardized source.

With regard to **chronic** diseases, the previous section reported that women in the region had nearly a 50 percent higher mortality rate from diabetes (as compared to the nation). However, the data collected in a national survey of women found that women in the region reported a prevalence that is only 70 percent of the national value. This difference is hard to explain, except to note that the mortality data come from death certificates and the prevalence data come from self-reported information in a survey of a relatively small number of women.

Survey data for cholesterol and hypertension indicate that women in the region reported lower rates of having been diagnosed with these problems than women across the nation. In both cases the prevalence at the regional and the national levels are quite close, that is, the regional values are 94 and 95 percent of the national prevalence, respectively.

Cancer incidence data were available from all states except North Dakota. Four of the five states provided data for 1996—data from South Dakota were for 1995. Chapter 5 displays cancer incidence data for a number of sites; however, not all states reported data for all sites. Sites were included when at least three of the five reporting states provided data.

The incidence of cancers of the skin was higher in the region than across the nation. Women in the region had a lower incidence of colorectal, uterine, lung, and ovarian cancers than the nation. Breast cancer incidence was approximately the same in the region and across the nation.

2.4 MENTAL HEALTH

As with other issue areas, the mental health status indicators of women in Region VIII were assembled from disparate information obtained from different sources. Two categories of data were obtained—survey data from adults and from high school students and mortality data from death records.

With regard to the survey data, women 18 years of age and older from the region reported fewer 'poor mental health days' in the month prior to responding to the survey than did respondents across the nation. This finding was consistent for each state as well as for the region.

Next, data from high school students were assessed to determine the state of mind of young women in the region. The only set of questions relating to mental health referred to suicide—that is, has the respondent considered suicide, attempted suicide, and most compelling, required medical attention as a result of a suicide attempt. Another source was secured in order to validate the survey data—mortality data on suicides.

Eleven percent more young women reported having considered suicide in the region than across the nation. In terms of attempts, 12.1 percent of young women responding to the survey reported that they had attempted suicide as compared to 11.6 percent nationwide.

In terms of actual suicides (for females of all ages), the regional mortality rate is almost 30 percent higher than the national rate of 4.4 per 100,000 females. Within the regional rate are noteworthy findings according to race of the female. Table 2.2 summarizes these findings. American Indian females in the region have a suicide rate of 10.1 suicides per 100,000 total American Indian females; this rate is 80 percent higher than the national rate for American Indian women, and it is more than twice the rate for all women in the nation. Hispanic women have a rate that is twice the national rate for Hispanic women.

TABLE 2.2: FEMALE SUICIDE RATES IN REGION VIII BY RACE AND ETHNICITY: 1996

	All Females	White	Black	American Indian	Asian/Pac Islander	Hispanic
Region VIII	5.6	5.7	1.1	10.1	2.5	4.3
Total US	4.4	4.8	2.0	5.6	3.7	2.1
Region:US	1.27	1.19	0.54	1.79	0.66	2.09

Females of Hispanic origin may be of any race.
Source: NCHS, *1996 Detail Mortality File*; rate per 100,000 females

When the overall mental disorder mortality rate for women in the region is compared to the national rate, the rate is found to be 29 percent higher. Further, as shown in Table 2.3, when these values are compared to the suicide rates, an interesting similarity is found.

TABLE 2.3: COMPARISON OF FEMALE SUICIDE RATES TO MENTAL DISORDERS MORTALITY RATES BY RACE AND ETHNICITY: 1996

	All Females	White	Black	American Indian	Asian/Pac Islander	Hispanic
Region:US – Suicides	1.27	1.19	0.54	1.79	0.66	2.09
Region:US – Mental Disorders	1.29	1.21	0.52	1.53	0.45	2.18

Females of Hispanic origin may be of any race.
Source: NCHS, *1996 Detail Mortality File*; rate per 100,000 females

In summary, although the data are inconsistent, from different sources, and not directly focused on the issues most often considered when thinking about mental health—such as depression, bipolar disorders, and bulimia, this area should receive further examination, particularly since the racial and ethnic categories having higher rates are those with the higher concentration of population (i.e., White, American Indian and Hispanic).

2.5 REPRODUCTIVE HEALTH

As is noted in Chapter 7, the reproductive health of the region is better than that of the nation, according to the indicators selected. Women in the region had a lower rate of: preterm births, births to unmarried women, births to young women under the age of 15, primary and repeat C-section deliveries, and births to women over 40 years of age.

Women in the region had a higher birth rate and fertility rate than women across the nation, and a lower pregnancy rate. When these indicators are examined by race and ethnicity, White females were found to have higher birth and fertility rates than the national values, Black women were lower than the national values, American Indian females were about 50 percent higher in both categories, Asian/Pacific Islander women were higher in both categories, and Hispanic women were essentially the same as the national values.

Women in the region had essentially the same percentage of low birthweight births as did women across the nation and had a smaller percentage of very-low birthweight births. There were fewer births to teenage mothers in the region as compared to the nation; however, in each age cohort, Asian/Pacific Islander and Hispanic females had higher percentages of births to teenagers. Despite this finding, White and Asian/Pacific Islander women appear to have waited until later in life to complete their families than did Black, American Indian and Hispanic women.

With the exception of American Indian women, smaller percentages of Region VIII mothers were unmarried when they gave birth than women across the nation. Although a number of the reproductive indicators are favorable compared to the US average, with regard to birth outcomes, women in the region gave birth to a higher percentage of children with heart conditions, other circulatory conditions, and Down's syndrome.

2.6 MATERNAL HEALTH

Women giving birth in the region appear to have better maternal health than women across the nation. They exhibited a higher percent of: being a high school graduate, receiving amniocentesis, and gaining at least 16 pounds during pregnancy. Also, Region VIII mothers had a smaller percent of women 40 years or older having children and a smaller percent of mothers with anemia, heart diseases, lung diseases, diabetes, herpes, chronic hypertension, or using tobacco products, than did women nationwide.

However, Region VIII women had a higher percent of pregnancy-related hypertension, eclampsia, and alcohol consumption. With the exception of Black women, women in the region had higher rates of complications than did women nationwide. And, these complication rates were based on a large number of occurrences.

Women in the region received prenatal care at about the same rate as did women across the nation. Additionally, a slightly smaller percentage of women in the region initiated such care late in the pregnancy period or had no care at all.

2.7 VIOLENCE AND ABUSE

A mixed picture emerges when viewing the data available on violence and abuse. When looking at FBI crime statistics for the total population, Region VIII appears to have lower rates of murder, robbery, and assault than the nation as a whole. Rapes are reported along with these statistics, and in this case, the region has a higher rate of rapes per 100,000 total population. Unfortunately, the crime statistics are not available by gender—therefore, it is not possible to determine if the range of crimes are directed against women disproportionately. In the case of rape, it seems reasonable to assume that these crimes are committed against women. Applying female population as the denominator of the indicator (instead of total population), the region is found to have a rate 25 percent above the national value.

In addition, the FBI data regarding homicide are collected by gender. Analysis of these data reveals that the region has a female homicide rate (that is, where the victim is a female) almost 28 percent below the national rate. Also, according to these data, the victims knew the offender in the majority of the cases.

2.8 PREVENTION

Chapter 10 details the data available on health promotion and disease prevention. The data available for this assessment come from surveys of high school students and surveys of adults. With regard to the students, the young women do not wear seatbelts as often, smoke cigarettes at a higher rate, and consume alcohol at a higher rate do their peers nationwide. Each of these findings is a cause for concern. Within these broad statements there are some exceptions, but the overall assessment appears to be accurate. Further, young women are found to initiate these at-risk behaviors at an earlier age than their peers. Young girls begin smoking cigarettes, consuming alcohol, and using cocaine before the age of 13 at a higher rate than do respondents across the nation. The differences are not large, but the regional respondents report initiating the at-risk behaviors at a higher rate than the national values.

Young women appear to have better responses to the questions on sexuality. Smaller percentages of Region VIII young women initiate sex before 13 years of age than the national value, a larger percentage reported using birth control measures, and a smaller percentage have ever been pregnant than peers across the nation.

With regard to women 18 years and older, positive findings are observed. A smaller percentage of women in the region report poor health, smoke cigarettes, report having been asked by their doctor to lose weight, do not exercise, and have no health insurance. However, a higher percentage of women over 40 have not had a mammogram or a Pap smear in the most recent two years.

2.9 ACCESS TO HEALTH CARE RESOURCES

With the small populations in the six states of Region VIII and the large geographic areas in the region, it might be expected that access would be a major problem. Again, the findings are not altogether clear. When considering overall numbers of physicians, dentists, hospitals and other facilities and the overall populations in each state, the findings are better than might be expected:

- the rate of all physicians per 100,000 females is 88 percent of the national rate;
- the rate for primary care physicians is 90 percent of the national value; and
- the rate for family practitioners is 32 percent higher than the national rate.

However, pediatricians are found in the region at a rate approximately three-quarters of the national rate.

Dentists are represented in the region at a higher rate per 100,000 females than nationwide. The rate of RN's and LPN's in the region is lower than nationwide (note that the most current data available on RN's and LPN's is 1990). However, the number of physician assistants per 100,000 females is larger than it is nationwide—in fact, the 1998 rate was almost 70 percent higher.

The number of total hospital beds, short-term beds and obstetrical beds per 1,000 females is actually larger in the region than it is nationwide.

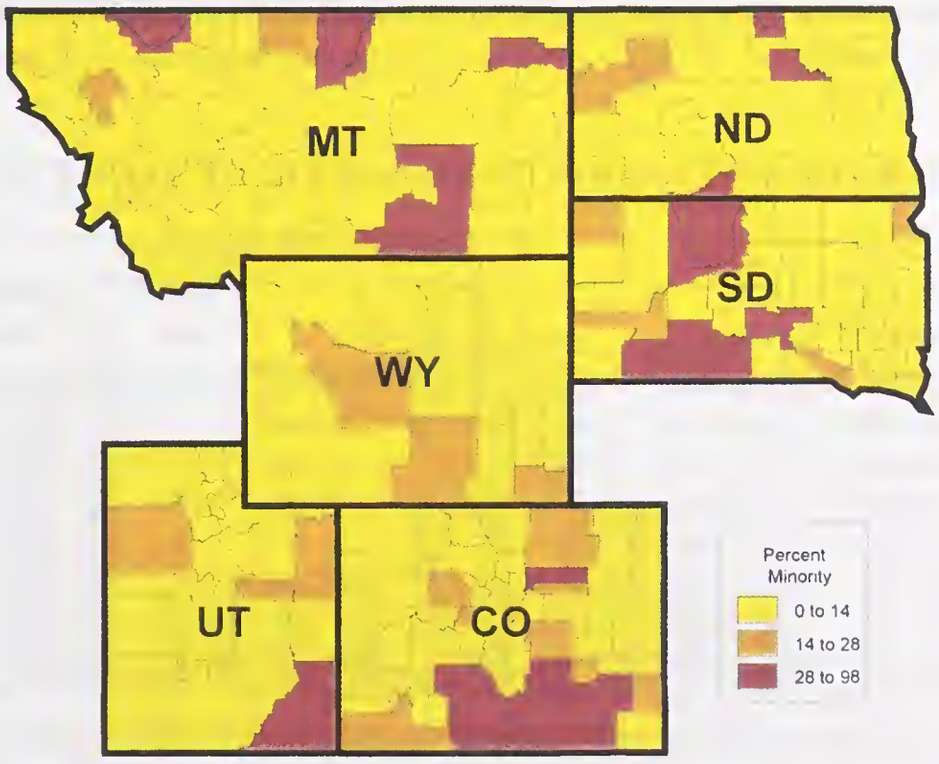
Despite this relatively positive set of statistics, a substantial maldistribution of resources has been found. There are pockets of underserved areas throughout the region. Chapter 11 presents maps of the region displaying the problem areas and tables identifying the state-level data. Appendix D presents data for each of the individual counties.

3.0

DEMOGRAPHIC CHARACTERISTICS OF WOMEN IN REGION VIII

Throughout this document raw incidence data, rates based on population, rates based on age, births, and other factors important to developing an understanding of women's health are presented. All of these factors are directly or indirectly dependent upon the distribution of the female population of the region. Further, an understanding of how women in the six states comprising Region VIII compare to each other and to all women in the country is important. And, the absolute and comparative socioeconomic status of the female population will provide predictive information to demographers and public health professionals. Therefore, before considering specific health status indicators, it is important to consider the overall demographic makeup of women in Region VIII, and to be able to relate it to findings in later chapters.

This and subsequent chapters begin with a map depicting one of the factors to be discussed in the chapter. Figure 3.1 shows the distribution of minority females in the region. The figure highlights geographic areas where the percentages of minority females exceed both the regional and national averages. It is interesting to note that while the regional percentage is essentially one-half the national value, 31 of the counties in the region have a higher percentage of minority females than the national value of 27.7 percent.



Source: US Bureau of the Census, *Estimates of the Population of Counties by Age, Sex, Race and Hispanic Origin: 1990 to 1996.*

(Region = 14.7%, Nation = 27.7%)

FIGURE 3.1: PERCENT OF MINORITY FEMALES IN REGION VIII: 1996

Each chapter deals primarily with issues at the state, region and national levels simply because of the enormity of the data required to depict all 291 counties comprising the region on each factor. However, when noteworthy county-level data are identified, they are presented in the discussion, and, the full set of county-level details are provided in the appendices to this document—to the extent sufficient quantitative information is available. Additionally, Appendix E presents a county-level map of the region showing the locations of Indian reservations; this map is provided for reference purposes.

As a final introductory note, throughout the document 1996 data were used unless specified otherwise. Data for later years are available for some areas, but not all.

3.1 FEMALE POPULATION IN REGION VIII BY RACE/ETHNICITY AND AGE

Table 3.1 displays the total population (i.e., males and females) of the six states and the number of females in each by race as well as Hispanic origin. The table also presents the regional totals for each race and the comparable national values. A number of percentages are shown in the table that provide the following information:

- for the category 'all females,' the percentages indicate the fraction of the total population of the states, region and the nation that are made up of females;
- for each racial/ethnic category, the percentages indicate the fraction of the total female population that is of the particular racial/ethnic category; and
- the values in the bottom row of the table indicate the percentage of the US population located in the region.

TABLE 3.1: FEMALE POPULATION OF REGION VIII BY RACE/ETHNICITY: 1996

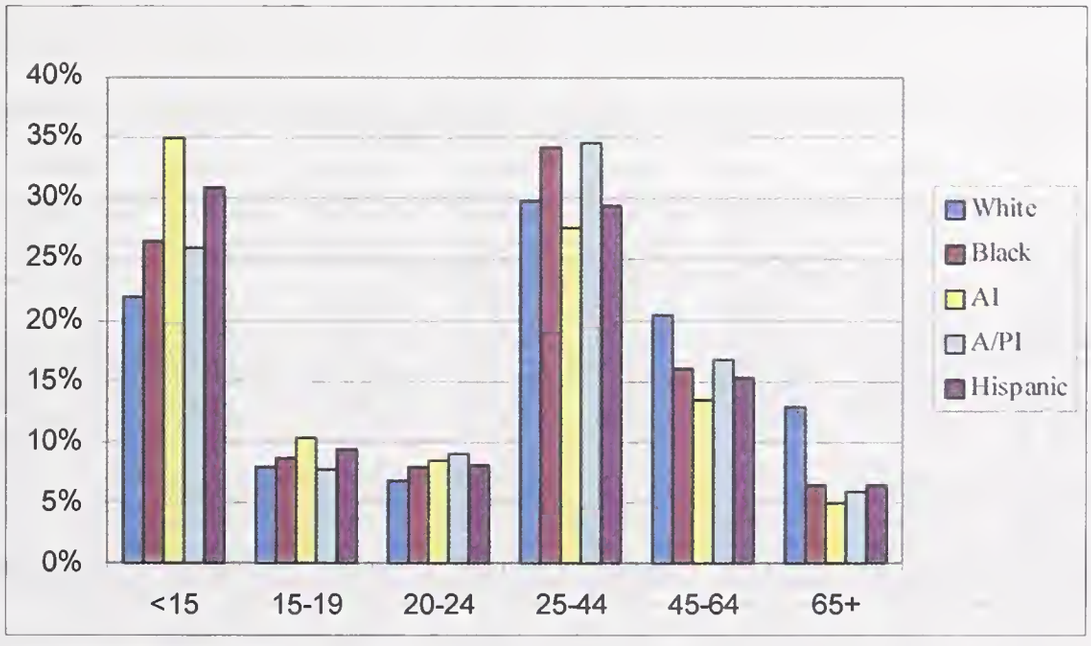
	Total Population	Female Population by Race/Ethnicity											
		All Females		White		Black		American Indian		Asian/Pacific Islander		Hispanic	
Colorado	3,822,676	1,926,408	50.4%	1,781,613	92.5%	80,632	4.2%	17,834	0.9%	46,329	2.4%	263,637	13.7%
Montana	879,372	441,261	50.2%	409,518	92.8%	1,363	0.3%	27,493	6.2%	2,887	0.7%	7,161	1.6%
N. Dakota	643,539	322,131	50.1%	302,901	94.0%	1,758	0.5%	14,820	4.6%	2,652	0.8%	3,170	1.0%
S. Dakota	732,405	371,331	50.7%	337,819	91.0%	1,770	0.5%	29,245	7.9%	2,497	0.7%	3,539	1.0%
Utah	2,000,494	1,003,856	50.2%	957,644	95.4%	7,382	0.7%	14,425	1.4%	24,405	2.4%	58,568	5.8%
Wyoming	481,400	239,025	49.7%	229,739	96.1%	1,855	0.8%	5,333	2.2%	2,098	0.9%	13,455	5.6%
Region VIII	8,559,886	4,304,012	50.3%	4,019,234	93.4%	94,760	2.2%	109,150	2.5%	80,868	1.9%	349,530	8.1%
US Total	265,283,783	135,473,568	51.1%	111,696,374	82.4%	17,600,489	13.0%	1,152,432	0.9%	5,024,273	3.7%	13,750,212	10.1%
Pct US Pop	3.2%	3.2%		3.6%		0.5%		9.5%		1.6%		2.5%	

Females of Hispanic origin may be of any race
Source: US Bureau of the Census, *Estimates of the Population of Counties by Age, Sex, Race and Hispanic Origin: 1990 to 1996.*

With regard to the table, the following are a few of the interesting findings:

- While Region VIII represents approximately 3 percent of both the total and female population of the nation as a whole, it comprises only 0.5 percent of the Black females in the US, 1.6 percent of the Asian/Pacific Islander and 2.5 percent of Hispanic females—however, it contains 9.5 percent of all American Indian females in the nation;
- Females in the region are, on average, 50.3 percent of the total population, whereas in the nation as a whole, females comprise 51.1 percent of the population—the percentages are seen to vary from a low of 49.7 percent in Wyoming to a high of 50.7 percent in South Dakota;
- White females comprise over 93 percent of the region's total female population while in the nation as a whole, white females make up less than 83 percent of the total female population;
- American Indian females make up 2.5 percent of the region's total female population while being only 0.9 percent of the total US female population; and
- Black, Asian/Pacific Islander, and Hispanic females are represented in the region at smaller percentages when compared to the national female population—blacks are only 2.2 percent of the regional population while comprising 13 percent of the US female population, Asian/Pacific Islander women are1.9 percent of the regional population and 3.7 percent of the total US female population, and Hispanic women are 8.1 percent of the regional female population as compared to 10.1 percent of the national female population.

It is next of interest to consider the distribution of females in the region by race and age. Figure 3.2 summarizes these data according to the age groupings specified.



Females of Hispanic origin may be of any race
Source: US Bureau of the Census, *Estimates of the Population of Counties by Age, Sex, Race and Hispanic Origin: 1990 to 1996.*

FIGURE 3.2: DISTRIBUTION OF FEMALE POPULATION BY AGE AND RACE: 1996

The largest percentage of all American Indian and Hispanic females in the region are 15 years of age or younger; although Hispanic females are only slightly more numerous in this age category than in the 25 to 44 grouping. White, Black and Asian/Pacific Islander females are most numerous in the 25 to 44 grouping and have higher percentages of their population in the 45 to 64 grouping than do the American Indian or Hispanic females. In the 65+ age category, White women are much more heavily represented.

The presentation of these data by state, region and the entire nation is provided in Table 3.2, below. The 65+ age category has been subdivided to provide a fuller examination of the older female population.

TABLE 3.2: FEMALE POPULATION BY RACE/ETHNICITY AND AGE: 1996

	Total Female Population							
	Total	<15	15-19	20-24	25-44	45-64	65-84	85+
Colorado	1,926,408	405,330	132,124	120,391	625,093	420,836	192,750	29,884
Montana	441,261	91,840	34,349	28,400	122,864	98,493	55,888	9,427
N. Dakota	322,131	66,915	24,524	21,487	91,830	63,637	44,470	9,268
S. Dakota	371,331	81,456	30,119	24,508	102,709	71,656	50,415	10,468
Utah	1,003,856	270,127	103,622	88,694	280,342	162,513	86,106	12,452
Wyoming	239,025	52,120	20,438	17,027	67,683	51,490	26,116	4,151
Region VIII	4,304,012	967,788	345,176	300,507	1,290,521	868,625	455,745	75,650
US Total	135,473,568	28,159,167	9,043,011	8,561,003	42,001,666	27,728,731	17,288,194	2,691,796

	White Female Population							
	Total	<15	15-19	20-24	25-44	45-64	65-84	85+
Colorado	1,781,613	368,358	120,510	108,952	575,119	395,478	184,160	29,036
Montana	409,518	80,967	31,232	25,756	114,006	93,870	54,445	9,242
N. Dakota	302,901	60,038	22,660	19,800	86,242	61,232	43,737	9,192
S. Dakota	337,819	68,502	26,390	21,460	94,331	67,780	49,077	10,279
Utah	957,644	256,071	99,257	84,206	265,300	156,649	83,955	12,206
Wyoming	229,739	49,387	19,546	16,215	64,766	50,081	25,647	4,097
Region VIII	4,019,234	883,323	319,595	276,389	1,199,764	825,090	441,021	74,052
US Total	111,696,374	22,265,792	7,160,695	6,776,483	34,183,291	23,497,498	15,365,792	2,446,823

TABLE 3.2: FEMALE POPULATION BY RACE/ETHNICITY AND AGE: 1996 (Continued)

	Black Female Population							
	Tot	<15	15-19	20-24	25-44	45-64	65-84	85+
Colorado	80,632	21,045	6,770	6,093	27,522	13,780	4,874	548
Montana	1,363	366	136	173	489	138	52	9
N. Dakota	1,758	543	162	235	672	110	31	5
S. Dakota	1,770	556	177	228	627	134	37	11
Utah	7,382	2,201	705	669	2,544	852	342	69
Wyoming	1,855	484	178	177	661	218	124	13
Region VIII	94,760	25,195	8,128	7,575	32,515	15,232	5,460	655
US Total	17,600,489	4,407,576	1,429,238	1,311,468	5,677,251	3,085,805	1,486,188	202,963

	American Indian Female Population							
	Tot	<15	15-19	20-24	25-44	45-64	65-84	85+
Colorado	17,834	4,686	1,524	1,493	6,086	3,073	860	112
Montana	27,493	9,671	2,764	2,219	7,394	4,028	1,253	164
N. Dakota	14,820	5,550	1,526	1,167	4,042	1,846	624	65
S. Dakota	29,245	11,619	3,369	2,523	6,949	3,386	1,232	167
Utah	14,425	4,956	1,497	1,453	4,267	1,590	563	99
Wyoming	5,333	1,735	561	412	1,534	820	242	29
Region VIII	109,150	38,217	11,241	9,267	30,272	14,743	4,774	636
US Total	1,152,432	328,454	104,571	90,650	356,108	188,444	72,919	11,286

	Asian/Pacific Islander Female Population							
	Tot	<15	15-19	20-24	25-44	45-64	65-84	85+
Colorado	46,329	11,241	3,320	3,853	16,366	8,505	2,856	188
Montana	2,887	836	217	252	975	457	138	12
N. Dakota	2,652	784	176	285	874	449	78	6
S. Dakota	2,497	779	183	297	802	356	69	11
Utah	24,405	6,899	2,163	2,366	8,231	3,422	1,246	78
Wyoming	2,098	514	153	223	722	371	103	12
Region VIII	80,868	21,053	6,212	7,276	27,970	13,560	4,490	307
US Total	5,024,273	1,157,345	348,507	382,402	1,785,016	956,984	363,295	30,724

TABLE 3.2: FEMALE POPULATION BY RACE/ETHNICITY AND AGE: 1996 (Continued)

	Hispanic Female Population							
	Tot	<15	15-19	20-24	25-44	45-64	65-84	85+
Colorado	263,637	79,570	24,050	20,616	78,327	42,763	15,944	2,367
Montana	7,161	2,314	713	590	1,980	1,154	364	46
N. Dakota	3,170	1,138	311	431	942	261	75	12
S. Dakota	3,539	1,239	333	341	1,073	359	173	21
Utah	58,568	19,942	6,075	5,468	17,106	7,051	2,567	359
Wyoming	13,455	4,071	1,421	1,223	3,738	2,107	800	95
Region VIII	349,530	108,274	32,903	28,669	103,166	53,695	19,923	2,900
US Total	13,750,212	4,129,819	1,167,781	1,130,349	4,388,469	2,010,565	823,920	99,309

Females of Hispanic origin may be of any race
Source: US Bureau of the Census, *Estimates of the Population of Counties by Age, Sex, Race and Hispanic Origin: 1990 to 1996.*

3.2 OTHER CHARACTERISTICS OF REGION VIII

Among the more recognizable characteristics of Region VIII is its rural nature. One measure of 'rural' is the population density of an area. The following are the densities of the states, region and the entire US, with density being defined as total population per square mile (or, ppsm):

- Colorado – 37.5 ppsm
- Montana – 6.0 ppsm
- North Dakota – 9.3 ppsm
- South Dakota 9.7 ppsm
- Utah – 25.1 ppsm
- Wyoming - 4.9 ppsm

- Region VIII - 15.2 ppsm

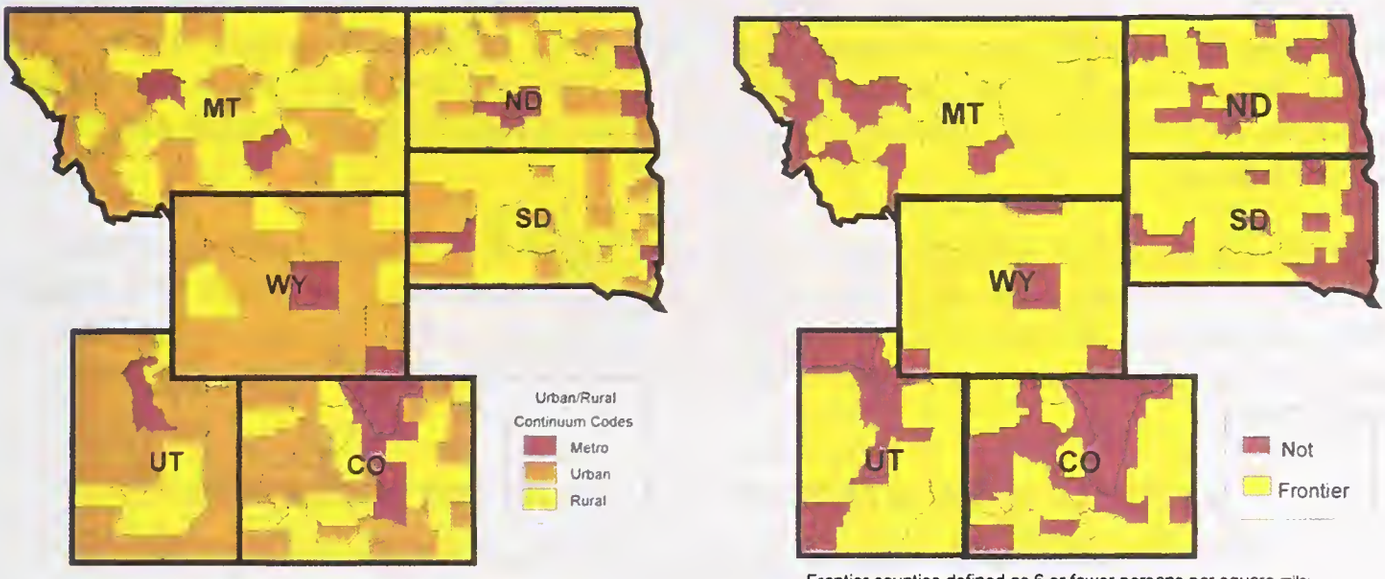
- US Average - 75.7 ppsm

On average, the region has roughly one-fifth the population density of the nation as a whole. A measure derived from population density is the designation of *frontier* counties. Counties are designated as frontier if they have six or fewer persons per square mile[1]. (These very rural counties tend to have similar primary service delivery issues—how to overcome geographic distance and spatial isolation.) Based on the 1997 Census population estimates, 188 of the 427 frontier counties in the entire country are in Region VIII. Frontier counties in Region VIII are identified in Appendix D and shown on the map which follows.

[1] Ricketts TC, Johnson-Webb KD, Taylor P. Definition of rural: a handbook for health policy makers and researchers. Federal Office of Rural Health Policy, DHHS; Jul 1998.

Another indicator of population distribution is the *urban/rural continuum code*. This code ranges from 0 to 9, with codes 0 through 3 describing metropolitan counties and codes 4 through 9 describing non-metropolitan counties. Specifically, codes 0,1, 2, and 3 describe counties with more than 250,000 persons, codes 4 through 7 describe non-metropolitan counties considered to be urban with populations of 2,500 or more, and 8 and 9 describe rural counties with fewer than 2,500 persons.

Figure 3.3 presents a side-by-side comparison of the region according to the two designation approaches. The map on the left shows the urbanicity of each county in the region and the map on the right shows the frontier designation of each county. While all of the metropolitan counties are non-frontier, the reverse is not true—that is, all non-frontier counties are not metropolitan counties.



Source: US Department of Agriculture, *Rural-Urban Continuum Codes for Metro and Nonmetro Counties, 1995*

Frontier counties defined as 6 or fewer persons per square mile, based on 1997 population data

FIGURE 3.3: MAPS OF URBAN/RURAL AND FRONTIER DESIGNATIONS

Unemployment is another distinguishing characteristic of the region. Table 3.3 presents the percent of women 16 and older that were unemployed in 1990. It should be noted that the data are available by gender in only two categories—white and non-white—and the appropriate denominator is not available for computing the regional or national values.

Table 3.4 presents unemployment as well as the percent of females 15 years and older that were divorced and the percent of households that were headed by a female. As is shown in the table, females in Region VIII headed approximately 20 percent fewer households than did women across the nation and females over 16 years of age were unemployed about 15 percent less than women in general. However, females 15 years of age and older were divorced at a slightly higher rate than were women across the nation.

TABLE 3.3: FEMALE UNEMPLOYMENT IN REGION VIII: 1990

	Percent Unemployed*	
	White	Non White
Colorado	2.5%	7.9%
Montana	2.6%	9.4%
N. Dakota	2.3%	8.0%
S. Dakota	1.7%	8.3%
Utah	2.4%	6.1%
Wyoming	2.9%	9.6%

*Percent of all women 16+

Source: US Bureau of Census, *1990 Census of Population and Housing, STF-3A*

Although below the national average, women headed households in Colorado at a higher rate than in other states in the region. Females 16 years of age and older were unemployed at a slightly higher rate in Colorado, Montana and Utah than in other states, but all states were below the national rate. The divorce rates in Colorado, Montana and Wyoming were higher than the national average.

Table 3.4 also shows the percent of women in poverty and the median annual earnings of full-time, year-round employed women; the values shown are averages across the period 1994 though 1996. According to the Institute for Women's Policy Research, women in Colorado and Utah were in the top third of states in the nation having the largest percentage of women above the poverty level.

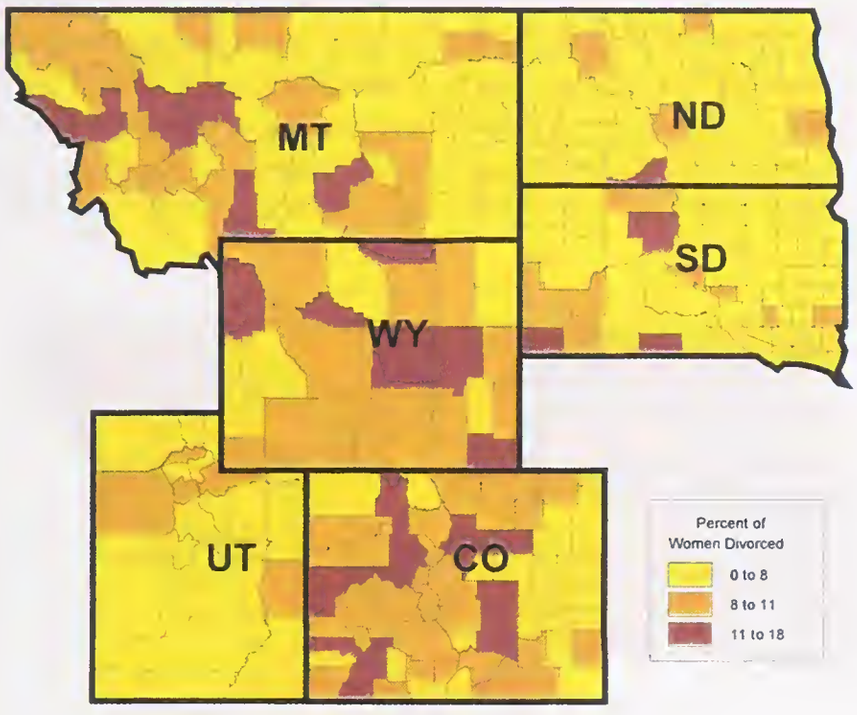
TABLE 3.4: INDICATORS OF FEMALE STATUS REGION VIII

	Percent of Females				Female Median Earnings '94-96 Avg^
	Heading Households 1990*	16+ Un-Employed 1990*	15+ Divorced 1990*	Below Poverty '94-96 Avg^	
Colorado	14.6%	3.4%	12.1%	9.4%	$24,749
Montana	12.5%	3.4%	9.9%	14.8%	$21,606
N. Dakota	10.5%	2.7%	6.3%	13.1%	$19,548
S. Dakota	11.5%	2.3%	7.2%	14.1%	$21,063
Utah	11.9%	3.1%	8.5%	8.2%	$22,116
Wyoming	11.7%	3.4%	10.4%	11.8%	$21,063
Region VIII	13.0%	3.2%	10.1%	NA	NA
US Total	16.5%	3.5%	9.5%	13.7%	$24,909
Region: US	0.8	0.9	1.1	NA	NA

Sources: *US Bureau of Census, *1990 Census of Population and Housing, STF-3A*

^ Institute for Women's Policy Research, *Status of Women in the States* (Second Edition, 1998-1999); 1994-1996 averages.

The Institute for Women's Policy Research also reported that the median earnings for women in Montana, North Dakota, South Dakota, and Wyoming were in the bottom third of all states in the nation; Colorado and Utah were in the middle third. The county-level divorce percentages are presented in Figure 3.4, below.



Source: US Bureau of the Census, *1990 Census of Population and Housing, STF3-A.*

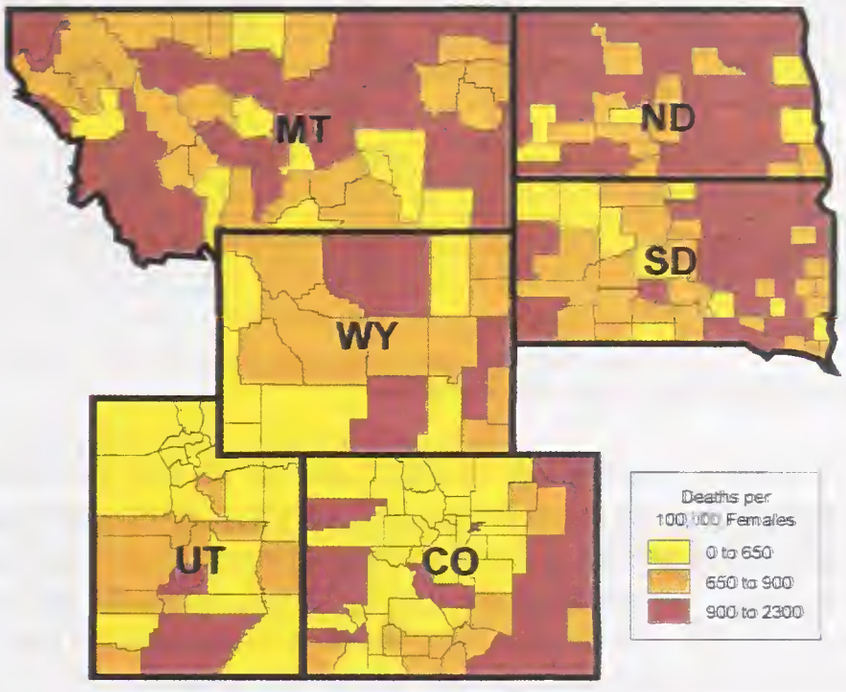
(Region = 10.1%, Nation = 9.5%)

FIGURE 3.4: PERCENT OF REGION VIII WOMEN DIVORCED: 1990

4.0

FEMALE MORTALITY IN REGION VIII

Women in the six-state region have lower mortality rates when compared to women in the rest of the nation. The crude and age-adjusted total mortality rates for all females (that is, for women of all ages and races) are 19 and 8 percent lower than the national averages, respectively. Further, when individual causes of deaths are considered, the findings are even more impressive—age-adjusted cancer death rates for females is 13 percent lower than the national average and the mortality rate for all heart diseases is fully 22 percent below the national average.



Source: NCHS, *1996 Mortality Detail File*

(Region = 691.4, Nation = 849.7)

FIGURE 4.1: FEMALE MORTALITY RATES IN REGION VIII, ALL CAUSES: 1996

Figure 4.1 displays the overall female crude (i.e., unadjusted) mortality rate for each county in the region. While many of the high rates shown on the map result from small number of incidences in low-population counties it is noteworthy that the overall regional rate is 19 percent lower than the national value.

4.1 OVERALL FEMALE MORTALITY

Table 4.1 displays the number of female deaths in each state, the region and the entire nation from the seven leading causes of deaths in females. The columns are ordered according to the diseases' rank in terms of total female deaths in the region.

TABLE 4.1: FEMALE DEATHS FOR THE SEVEN LEADING CAUSES: 1996

	All Causes	Heart Diseases	Malignant Neoplasms	Cerobro-Vascular	COPD	Pneumonia Influenza	Unintentional Injuries	Diabetes
Colorado	12,825	3,281	2,737	1,076	776	555	523	302
Montana	3,644	983	819	333	238	125	127	100
N. Dakota	2,940	913	639	303	112	131	86	79
S. Dakota	3,243	1,013	697	318	112	144	122	106
Utah	5,329	1,413	988	484	193	250	220	224
Wyoming	1,778	456	416	171	123	67	80	53
Region VIII	29,759	8,059	6,296	2,685	1,554	1,272	1,158	864
US Total	1,151,121	373,286	257,635	97,467	51,542	45,736	33,359	34,121

Source: NCHS, *1996 Mortality Detail File*

4.1.1 Unadjusted Mortality Rates for All Females

Table 4.2 presents the crude, or unadjusted, mortality rates for each of the leading causes of death.[1] Women in Utah and Colorado are seen to have lower mortality rates than the national average in most categories and women in the Dakotas are above the national average and much above the regional averages. Among the seven leading causes, while the regional rate for all cancers is 23 percent below the national average, women in North Dakota have a rate four percent above the national average and 36 percent above the regional average. Women in South Dakota have a cancer mortality rate just below the national rate and about 28 percent above the regional rate. Also, while the regional rate for heart disease is 32 percent below the national average, both the Dakotas are essentially at the national rate.

The last row in the table shows the ratios of the regional rates to those of the nation. As noted at the outset of the discussion, the female mortality rate in the entire region is almost 20 percent lower than that for all females in the nation. Of particular note, among the three leading causes of death—diseases of the heart, malignant neoplasms, and cerebrovascular diseases—women in the region had mortality rates that were 32 percent, 23 percent, and 13 percent below the national rates, respectively. Also, women in Utah had rates that were approximately one-half the national value for each of the four leading causes of death.

[1] Mortality rate for each cause is the number of female deaths from the cause per 100,000 females in the jurisdiction.

TABLE 4.2: FEMALE MORTALITY RATES FOR THE SEVEN LEADING CAUSES OF DEATH: 1996

	All Causes	Heart Diseases	Malignant Neoplasms	Cerobro-Vascular	COPD	Pneumonia Influenza	Unintentional Injuries	Diabetes
Colorado	665.7	170.3	142.1	55.9	40.3	28.8	27.1	15.7
Montana	825.8	222.8	185.6	75.5	53.9	28.3	28.8	22.7
N. Dakota	912.7	283.4	198.4	94.1	34.8	40.7	26.7	24.5
S. Dakota	873.3	272.8	187.7	85.6	30.2	38.8	32.9	28.5
Utah	530.9	140.8	98.4	48.2	19.2	24.9	21.9	22.3
Wyoming	743.9	190.8	174.0	71.5	51.5	28.0	33.5	22.2
Region VIII	691.4	187.2	146.3	62.4	36.1	29.6	26.9	20.1
US Total	849.7	275.5	190.2	71.9	38.0	33.8	24.6	25.2
Region:US	0.81	0.68	0.77	0.87	0.95	0.88	1.09	0.80

Source: NCHS, *1996 Mortality Detail File*

Observations of the more detailed data provided in Appendix C reveal that the women in Region VIII have lower crude mortality rates compared to women across the nation from AIDS/HIV (17 percent of the national average), lung cancer (64%), cervical cancer (62%), breast cancer (78%), and hypertension (60%). However, women in the region have a 20 percent greater risk of dying as a result of motor vehicle accidents than women across the nation.

4.1.2 Age-Adjusted Mortality Rates for All Females

For future comparisons, it is of interest to examine the age-adjusted mortality rates using a year 2000 standard population.[2] The overall mortality rate for females across the US is seen in Table 4.3 to be 742.4 per 100,000 females and the comparable value for Region VIII is 684.6, or eight percent lower.

When considering the age-adjusted data for all causes, the Dakotas are found to be below both the national and regional averages, and overall, are the lowest in the region. This is notably different than the finding when viewing the crude, or unadjusted, rates presented in the previous table. The age-adjusted mortality rate for diabetes is almost 50 percent higher than the national rate; whereas, the crude rate for the region was 20 percent lower. Further, the diabetes mortality rate for each state is higher than the national value.

The high crude mortality rates of North Dakota and South Dakota, the reversal of this finding when considering age-adjusted rates, and the quite high rates for age-adjusted diabetes mortality are offered as observations for regional, state, and local interpretation. Subsequent data collection and analyses will be required to determine whether these findings are anomalies or accurate indications of underlying public health issues.

[2] Age-adjustment, the population distributions for different years, and the rationale for selecting a year 2000 population basis are discussed in Appendix B.

TABLE 4.3: AGE-ADJUSTED FEMALE MORTALITY RATES FOR SEVEN LEADING CAUSES: 1996

	All Causes	Heart Diseases	Malignant Neoplasms	Cerobro-Vascular	COPD	Pneumonia Influenza	Unintent-ional Injury	Diabetes
Colorado	705.7	181.0	151.9	59.2	44.0	30.3	27.7	26.2
Montana	689.8	180.3	162.8	60.4	45.8	22.3	26.1	24.4
N. Dakota	651.8	189.4	160.5	62.7	26.3	26.4	21.4	20.8
S. Dakota	645.5	186.7	157.8	58.8	23.0	25.3	28.2	18.9
Utah	668.9	180.0	127.1	61.5	24.8	31.7	24.8	23.2
Wyoming	731.2	185.8	174.5	68.6	52.1	26.7	33.0	21.2
Region VIII	684.6	182.6	151.1	60.4	36.8	28.2	26.5	23.7
US Total	742.4	234.1	173.4	60.9	33.4	28.2	23.0	16.1
Region:US	0.92	0.78	0.87	0.99	1.10	1.00	1.15	1.48

Age-adjusted using year 2000 population standard.
Source: NCHS, *1996 Mortality Detail File*

The draft version of *Healthy People 2010* contains several objectives related to reducing mortality rates. However, the results in this report for Region VIII cannot be compared directly because the *Healthy People 2010* document is based on 1940 age-adjustments and often the goal is for total population rather than gender-specific. It is worth noting that the objectives in *Healthy People 2010* include reducing: the overall mortality rate for women by 10 percent, the motor vehicle accident death rate by 28 percent, unintentional injuries by 15 percent, the cancer death rate by 21 percent, and the breast cancer death rate by 7 percent. *Healthy People 2010* will publish revised objectives based on year 2000 population standard age adjustments in January 2000 which can be compared to the figures provided in this report.

4.2 FEMALE MORTALITY BY RACE

Mortality by race is difficult to assess because of the small numbers of Black, American Indian, and Asian/Pacific Islander women in the region. The analysis is further confounded when attempting to examine the data at lower levels than the state, specifically, at the county level.

4.2.1 Unadjusted Mortality Rates by Race

The overall mortality incidences and unadjusted rates are first considered to determine if and where more detailed analyses are warranted. Table 4.4 presents mortality data for women of all ages and for all causes. With reference to the table, the small number of deaths in the region for the three racial categories can be seen. In order to ensure that the small numbers are not hiding problems, the crude mortality rates are examined. As for all women, the crude rates show higher than expected values for White females in North and South Dakota as well as for American

TABLE 4.4: FEMALE DEATHS AND MORTALITY RATES FROM ALL CAUSES, BY RACE: 1996

Deaths	White	Black	AI	A/PI	Hispanic
Colorado	12,293	396	51	85	961
Montana	3,498	5	135	6	15
N. Dakota	2,853	2	83	2	4
S. Dakota	3,046	5	188	4	6
Utah	5,191	25	56	57	142
Wyoming	1,741	9	23	5	58
Region VIII	28,622	442	536	159	1,186
US Total	1,000,982	132,617	4,564	12,958	39,747

Rates	White	Black	AI	A/PI	Hispanic
Colorado	690.0	491.1	286.0	183.5	364.5
Montana	854.2	366.8	491.0	207.8	209.5
N. Dakota	941.9	113.8	560.1	75.4	126.2
S. Dakota	901.7	282.5	642.8	160.2	169.5
Utah	542.1	338.7	388.2	233.6	242.5
Wyoming	757.8	485.2	431.3	238.3	431.1
Region VIII	712.1	466.4	491.1	196.6	339.3
US Total	896.2	753.5	396.0	257.9	289.1
Region:US	0.79	0.62	1.24	0.76	1.17

Females of Hispanic origin may be of any race.
Source: NCHS, *1996 Mortality Detail File*

Indian females. As a whole, mortality rates for American Indian and Hispanic females are greater than the national average by 24 and 17 percent, respectively, while the rates for the other racial categories are 20 percent or more below the national averages.

Further examination of mortality rates by race (presented in Appendix C) reveal substantial differences when comparing women in Region VIII to the nation as a whole. Women in the region exceed the national mortality rates (by the percentages shown), as follows:

- White females – mental diseases (21%), arterial diseases (5%), and motor vehicle accidents (15%);
- Black females – arterial disease (11%) and genitourinary (18%);
- American Indian females – all cancers (21%), lung cancer (87%), colorectal cancer (23%), breast cancer (14%), metabolic diseases (58%), diabetes (70%), diseases of the blood (98%), mental diseases (53%), arterial diseases (104%), pneumonia/influenza (33%), digestive disorders (60%), genitourinary (21%), motor vehicle accidents (35%) and other accidents (13%);
- Asian/Pacific Islander females – infectious diseases (80%), arterial diseases (26%), COPD (15%), genitourinary (27%), and motor vehicle accidents (84%); and
- Hispanic females - all cancers (18%), lung cancer (32%), colorectal cancer (40%), cervical cancer (15%), diseases of the blood (13%), mental diseases (118%--note, 26 deaths in the entire region), cerebrovascular diseases (26%), arterial diseases (86%), respiratory diseases (49%), pneumonia/influenza (63%), COPD (56%), digestive disorders (79%), genitourinary (30%), motor vehicle accidents (106%--note, there were 61 deaths in the region), and other accidents (46%).

The mortality rates for American Indian, Asian/Pacific Islander, and Hispanic women are noteworthy both in the breadth of issues and in the magnitude of the differences. Looking at the

state-level data provides added information about these concerns. The state findings are as follows:

- Colorado – Rates were lower than US and regional rates for most causes, except for— American Indian infectious diseases, mental diseases, pneumonia/influenza, and genitourinary diseases; Asian/Pacific Islander infectious diseases, colorectal cancer, arterial diseases, and COPD; and, Hispanic all cancers, lung cancer, diabetes, arterial, respiratory, pneumonia/influenza, digestive disorders, and genitourinary diseases.
- Montana – Rates for Montana were either substantially above or below the US and regional values because of the small populations; for example, there were only six Asian/Pacific Islander deaths from all causes in the state. Among the higher rates are— American Indian malignant neoplasms, lung and breast cancer, circulatory diseases, cerebrovascular, respiratory, COPD, and digestive disorders; and Hispanic infectious diseases, and cerebrovascular (note, there were only 3 in the state).
- North Dakota – There were only two Asian/Pacific Islander deaths in the state and only four deaths of Hispanic women. Among the higher rates for American Indian females are those due to lung and colorectal cancers, circulatory diseases, ischemic heart disease, arterial diseases, digestive disorders, and both total and motor vehicle accidents.
- South Dakota – There were only four Asian/Pacific Islander deaths in the state and only six deaths of Hispanic women. Among the higher rates for American Indian females are those due to colorectal cancer, metabolic diseases, all three of the regional deaths due to diseases of the blood to American Indian women, mental diseases, circulatory diseases, heart diseases, two of the three deaths from hypertension, ischemic heart disease, four of the 10 regional deaths from arterial diseases, and both total and other accidents.
- Utah – Rates for Utah were high in the following areas— American Indian total and motor vehicle accidents; Asian/Pacific Islander breast cancer, metabolic diseases, diabetes, genitourinary diseases, and motor vehicle accidents; and, Hispanic colorectal cancer and genitourinary diseases.
- Wyoming – There were only 23 American Indian deaths and five Asian/Pacific Islander deaths in the state. Among the higher rates for Hispanic females are those due to all and colorectal cancers, circulatory diseases, heart diseases, ischemic heart disease, cerebrovascular diseases, respiratory diseases, COPD and motor vehicle and other accidents.

Table 4.5, on the following page, summarizes the number of female deaths by race according to the six leading causes of death. The difference between this and earlier presentations is that the rank of the cause of death is provided for each state, for the region, and for the entire country, by race. Much information is conveyed on this table. For example, while malignant neoplasms is the second leading cause of death in the country, the region, and for White women in each of the Region VIII states, it is the leading cause for both American Indian and Hispanic women in four of the six states. Additionally, while diabetes is the eighth leading cause of death for White women nationwide, it is notably the fifth leading cause for White women in Utah.

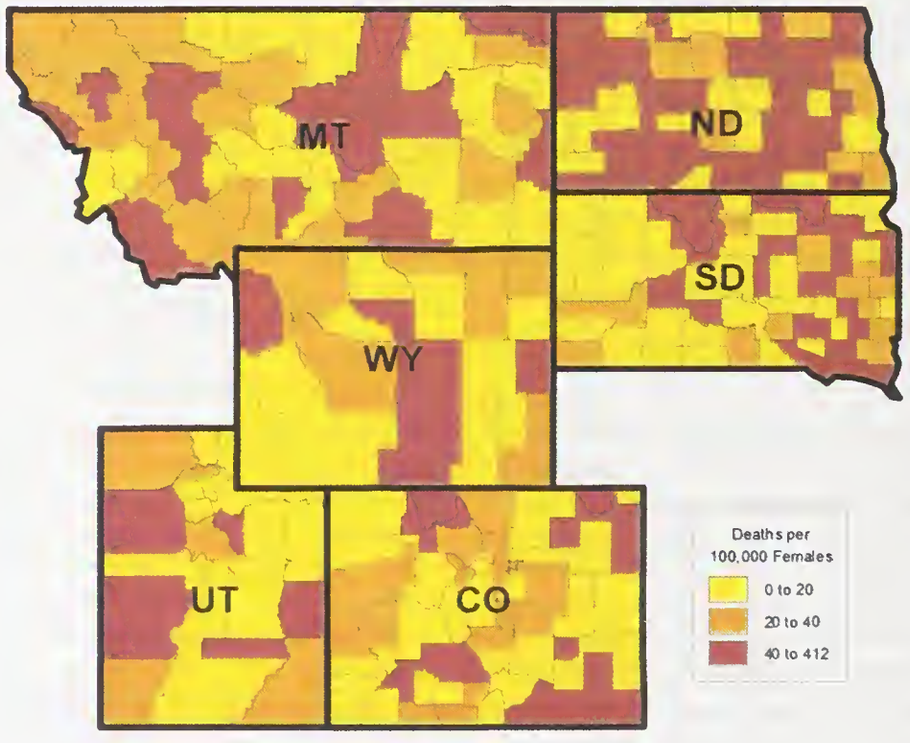
TABLE 4.5: FEMALE DEATHS AND RANKS FROM SIX LEADING CAUSES: 1996

Leading Causes		All Females	White	Black	American Indian	Asian/Pac Islander	Hispanic
Heart Diseases	US Total	373286 (1)	328625 (1)	40306 (1)	999 (1)	3356 (2)	10562 (1)
	Region	8059 (1)	7854 (1)	96 (1)	89 (2)	20 (2)	210 (2)
	Colorado	3281 (1)	3183 (1)	83 (2)	8 (2)	7 (3)	173 (2)
	Montana	983 (1)	958 (1)	1 (3)	23 (2)	1 (3)	1 (4)
	N. Dakota	913 (1)	898 (1)	1 (1)	13 (2)	1 (1)	1 (2)
	S. Dakota	1013 (1)	976 (1)	2 (1)	33 (1)	2 (1)	1 (3)
	Utah	1413 (1)	1392 (1)	7 (1)	6 (3)	8 (2)	21 (2)
	Wyoming	456 (1)	447 (1)	2 (1)	6 (1)	1 (2)	13 (2)
Malignant Neoplasms	US Total	257635 (2)	225454 (2)	27793 (2)	888 (2)	3500 (1)	8520 (2)
	Region	6296 (2)	6056 (2)	93 (2)	102 (1)	45 (1)	256 (1)
	Colorado	2737 (2)	2611 (2)	86 (1)	13 (1)	27 (1)	208 (1)
	Montana	819 (2)	780 (2)	2 (1)	36 (1)	1 (3)	1 (4)
	N. Dakota	639 (2)	622 (2)	0	16 (1)	1 (1)	1 (2)
	S. Dakota	697 (2)	668 (2)	0	28 (2)	1 (2)	1 (3)
	Utah	988 (2)	961 (2)	4 (2)	8 (2)	15 (1)	30 (1)
	Wyoming	416 (2)	414 (2)	1 (4)	1 (7)	0	15 (1)
Cerebrovascular Diseases	US Total	97467 (3)	85280 (3)	10509 (3)	294 (5)	1384 (3)	2692 (3)
	Region	2685 (3)	2606 (3)	34 (3)	29 (6)	16 (3)	86 (4)
	Colorado	1076 (3)	1036 (3)	29 (3)	3 (6)	8 (2)	70 (3)
	Montana	333 (3)	321 (3)	1 (3)	11 (4)	0	3 (1)
	N. Dakota	303 (3)	300 (3)	0	3 (6)	0	0
	S. Dakota	318 (3)	311 (3)	0	7 (7)	0	0
	Utah	484 (3)	472 (3)	3 (3)	2 (9)	7 (3)	8 (5)
	Wyoming	171 (3)	166 (3)	1 (4)	3 (2)	1 (2)	5 (4)
Chronic Obstructive Pulmonary Disease	US Total	51542 (4)	48067 (4)	2996 (8)	154 (8)	325 (7)	1136 (7)
	Region	1554 (4)	1520 (4)	15 (6)	13 (9)	6 (6)	45 (7)
	Colorado	776 (4)	756 (4)	15 (6)	1 (10)	4 (5)	34 (7)
	Montana	238 (4)	230 (4)	0	7 (6)	1 (3)	0
	N. Dakota	112 (5)	110 (5)	0	2 (9)	0 (11)	0
	S. Dakota	112 (6)	110 (5)	0	2 (13)	0 (12)	1 (3)
	Utah	193 (7)	191 (7)	0	1 (14)	1 (8)	6 (6)
	Wyoming	123 (4)	123 (4)	0	0	0	4 (5)
Pneumonia/ Influenza	US Total	45736 (5)	41270 (5)	3793 (6)	159 (7)	514 (5)	1423 (6)
	Region	1272 (5)	1237 (5)	11 (9)	20 (7)	4 (8)	59 (6)
	Colorado	555 (5)	540 (5)	11 (8)	4 (5)	0	52 (6)
	Montana	125 (8)	123 (7)	0	2 (11)	0	0
	N. Dakota	131 (4)	129 (4)	0	2 (9)	0	0
	S. Dakota	144 (4)	137 (4)	0	7 (7)	0	1 (3)
	Utah	250 (4)	244 (4)	0	3 (6)	3 (6)	5 (8)
	Wyoming	67 (6)	64 (6)	0	2 (3)	1 (2)	1 (10)
Diabetes	US Total	34121 (6)	26682 (8)	6668 (4)	311 (4)	460 (6)	2373 (4)
	Region	864 (9)	783 (9)	24 (4)	50 (3)	7 (5)	65 (5)
	Colorado	302 (9)	278 (9)	21 (4)	0	3 (6)	53 (5)
	Montana	100 (9)	87 (9)	1 (3)	12 (3)	0	1 (4)
	N. Dakota	79 (8)	72 (8)	0	7 (4)	0	0
	S. Dakota	106 (8)	79 (9)	0	27 (3)	0	0
	Utah	224 (5)	217 (5)	1 (7)	2 (9)	4 (5)	9 (3)
	Wyoming	53 (8)	50 (9)	1 (4)	2 (3)	0	2 (7)

( ) denotes the rank within the state, region, or nation; e.g., COPD is the 4th leading cause of death for women in the US but it is the 7th in Utah.
Source: NCHS, *1996 Mortality Detail File*

Also, as can be seen on the table, diabetes is the sixth leading cause of death in the nation while only the ninth leading cause in the region. However, it is the third leading cause of death for all American Indian women in the region and for Hispanic women in Utah.

Another perspective on these data can be gained by viewing a county-level map of the region. Figure 4.2 presents the breast cancer mortality rates for White women. As in earlier presentations, many of the high rates result from a relatively few deaths in sparsely populated areas. Despite this general disclaimer, important results can be gleaned. For example, Natrona County, Wyoming experienced 20 breast cancer deaths in 1996 to White women. Based upon the White female population of the county, the rate was determined to be 63, or roughly double the national breast cancer mortality rate of 33.3 per 100,000 White women.



Source: NCHS, 1996 Mortality Detail File

(Region = 25.6, Nation = 33.3)

FIGURE 4.2: BREAST CANCER MORTALITY RATES FOR WHITE WOMEN: 1996

Unfortunately, because of the small populations in the region, presenting maps by race and cause is only meaningful for all females and White females. However, more detailed presentations of the mortality incidence and rates are provided in the appendices.

4.2.2 Age-Adjusted Mortality by Race

Consistent findings are revealed when considering age-adjusted mortality rates. As shown in Table 4.6, American Indian and Hispanic women tend to have higher mortality rates than the

nation and much higher than other women in the region. These findings are similar to those presented in Table 4.3. It should be noted that there were only two Black female deaths in North Dakota, leading to the quite small value shown in the table.

TABLE 4.6: AGE-ADJUSTED MORTALITY RATES FOR ALL CAUSES, BY RACE: 1996

	All Females	White	Black	American Indian	Asian/Pac Islander	Hispanic
Colorado	705.7	706.7	823.5	488.9	327.6	582.7
Montana	689.8	679.8	855.0	1,014.1	357.2	400.8
N. Dakota	651.8	638.6	66.7	1,137.1	157.2	459.1
S. Dakota	645.5	617.5	925.2	1,386.7	470.2	336.5
Utah	668.9	668.8	736.6	702.7	552.3	458.5
Wyoming	731.3	729.6	790.0	774.0	563.7	736.3
Region VIII	684.6	679.7	806.6	980.4	397.1	566.4
US Total	742.4	723.1	954.7	590.2	433.1	498.8
Region:US	0.92	0.94	0.84	1.66	0.92	1.14

Females of Hispanic origin may be of any race.
Age-adjusted using year 2000 population standard.
Source: NCHS, *1996 Mortality Detail File*

Examining the age-adjusted causes of death by race highlights some of the problems experienced by American Indian and Hispanic females. These data are presented in Table 4.7 for the three leading causes of death. More complete data are presented in Appendix C.

With reference to Table 4.7, White women only exceeded the national average for cerebrovascular diseases, and then only barely. Black female deaths were below the national rates as were rates for Asian/Pacific Islander women. American Indian women exceeded the national rates for all American Indian women by between 38 and 68 percent. Hispanic women exceeded the national rates for cancer (by 15%) and for cerebrovascular diseases (by 23%).

4.3 FEMALE MORTALITY BY AGE

Table 4.8 presents the number of deaths and mortality rates from all causes for females in different age cohorts. As is seen, very few deaths occurred in the region in the 15 to 24 age categories. As with earlier findings, women in the region had lower than expected overall mortality rates across all age groupings. It was assumed that in the highest age grouping (i.e., 65+) the regional 'advantages' would be lost and that older women would have essentially the same overall mortality as do women in the rest of the country. In order to verify this assumption, age cohorts of ten-year increments were examined, with the following overall comparative rates: women ages 65-74 had rates that were 90% of the national values, women 75-84 had rates 96% of the national, and women 85+ had rates approximately 98% of the national values.

TABLE 4.7: AGE-ADJUSTED MORTALITY RATES BY RACE AND CAUSE: 1996

	White			Black			American Indian			Asian/Pac Islander			Hispanic		
	Heart	Cancer	Cereb	Heart	Cancer	Cereb	Heart	Cancer	Cereb	Heart	Cancer	Cereb	Heart	Cancer	Cereb
Colorado	182.4	152.2	59.2	184.9	171.8	70.8	94.9	121.3	43.4	37.6	96.5	41.4	118.9	125.2	46.4
Montana	179.8	159.8	59.4	172.3	275.1	203.8	193.6	274.4	86.7	129.2	45.0	0.0	36.5	27.4	88.5
N. Dakota	188.2	159.3	62.8	32.6	0.0	0.0	233.6	253.1	46.5	43.4	113.9	0.0	129.2	22.6	0.0
S. Dakota	183.6	155.8	58.9	282.0	0.0	0.0	288.8	222.5	58.3	265.6	80.0	0.0	73.8	22.0	0.0
Utah	181.4	127.0	61.3	238.5	123.6	72.6	100.4	132.9	36.7	64.9	130.5	81.8	86.0	101.7	35.1
Wyoming	185.2	177.1	67.6	223.8	86.2	119.3	225.5	53.4	105.4	166.1	0.0	86.9	191.5	191.1	81.1
Region VIII	182.8	150.7	60.2	187.3	165.0	72.8	195.8	200.5	61.5	58.5	101.0	49.7	115.5	121.7	46.2
US Total	228.6	172.1	59.0	302.4	202.3	79.0	141.6	119.2	42.2	127.7	103.4	51.1	150.8	105.7	37.6
Region:US	0.80	0.88	1.02	0.62	0.82	0.92	1.38	1.68	1.46	0.46	0.98	0.97	0.77	1.15	1.23

Females of Hispanic origin may be of any race.
Source: NCHS, *1996 Mortality Detail File*

TABLE 4.8: FEMALE DEATHS AND RATES FOR ALL CAUSES, BY AGE: 1996

Deaths	<15	15-19	20-24	25-44	45-64	65+
Colorado	244	61	61	599	1649	10,211
Montana	49	6	13	117	437	3,021
N. Dakota	25	11	5	72	291	2,536
S. Dakota	49	14	9	96	320	2,755
Utah	142	37	35	258	658	4,199
Wyoming	26	12	9	77	225	1,429
Region VIII	535	141	132	1,219	3,580	24,151
US Total	18,448	3,981	4,149	46,806	146,013	931,574

Rates	<15	15-19	20-24	25-44	45-64	65+
Colorado	60.2	46.2	50.7	95.8	391.8	4586.4
Montana	53.4	17.5	45.8	95.2	443.7	4625.3
N. Dakota	37.4	44.8	23.3	78.4	457.3	4719.2
S. Dakota	60.2	46.5	36.7	93.5	446.6	4525.1
Utah	52.6	35.7	39.5	92.0	404.9	4260.4
Wyoming	49.9	58.7	52.9	113.8	437.0	4721.3
Region VIII	55.3	40.8	43.9	94.5	412.2	4544.8
US Total	65.5	44.0	48.5	111.4	526.6	4662.5
Region:US	0.84	0.93	0.91	0.85	0.78	0.97

Source: NCHS, *1996 Mortality Detail File*

Looking at deaths by particular causes highlights the age-specific issues within the region. Such data are provided in Table 4.9. The only causes presented were those for which (1) the regional rates exceed the national rates and (2) the number of deaths were relatively large. These criteria led to the exclusion of all causes in the 15-19 and 20-24 year categories. The details provided in the appendices show that although there were very few occurrences in each category, women in the region had high mortality rates from causes related to obesity.

TABLE 4.9: FEMALE DEATHS BY AGE AND SELECTED CAUSES: 1996

	<15		25-44				45-64		65+							
	Cancer	Nutrition	Diabetes	Mental Disord.	Digest Disorder	Motor Accident	Mental Disord.	Motor Accident	Blood Dis.	Mental Disord.	Nervous Disease	Arterial Disease	COPD	Digest Disorder	Motor Accident	Other Accident
Colorado	8	9	13	17	48	76	23	44	54	443	410	398	687	384	42	175
Montana	3	4	2	4	10	22	4	14	17	131	108	70	210	99	12	55
N. Dakota	1	1	1	0	3	11	3	5	11	106	63	78	95	86	8	44
S. Dakota	3	1	8	3	6	19	2	6	14	105	77	85	102	98	18	45
Utah	7	2	10	8	13	36	13	15	26	161	139	98	162	225	26	69
Wyoming	3	3	3	3	8	14	3	6	8	48	46	37	106	48	5	22
Region VIII	25	20	37	35	88	178	48	90	130	994	843	766	1,362	940	111	410
US Total	668	299	1,020	837	2,080	4,220	1,074	2,604	4,140	24,268	24,944	21,110	44,555	30,031	3,429	12,204

*Endocrine, metabolic and nutritional causes
Source: NCHS, *1996 Mortality Detail File*

It is worth noting that while females under the age of 15 in Region VIII are approximately 3.4 percent of the US female population under 15, nearly 7 percent of all deaths due to endocrine, metabolic and nutritional causes were in the region. Additionally, while 3 percent of the female population ages 25-44 is located in Region VIII, over 4 percent of the deaths due to mental disorders, digestive disorders and motor vehicle accidents occurred in Region VIII.

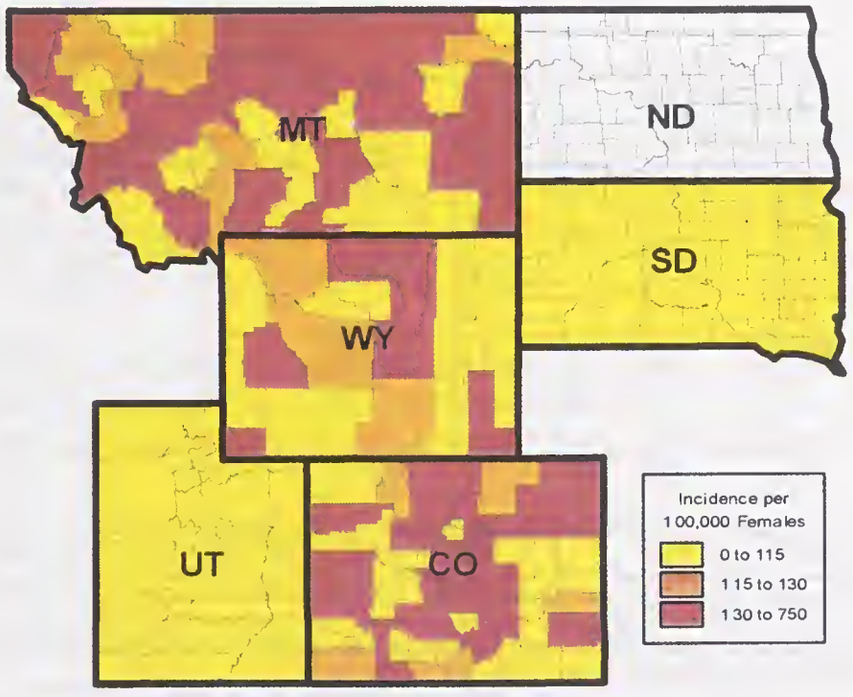
5.0

INDICATORS OF INFECTIOUS AND CHRONIC DISEASES IN REGION VIII WOMEN

Relatively little gender-specific information is available on the incidence of diseases in Region VIII, particularly at sub-state levels. Data were sought from epidemiologists within a number of agencies in each of the six states, with varying degrees of success. National sources, such as the Center for Disease Control and Prevention only collect and publish data at the state level. Further, most of the national data are published without regard to gender or race, with the exception of data regarding AIDS and cancers; and, essentially no data are available by age. Slightly fuller information is available for the sexually transmitted diseases, or STD's.

This report presents the data available. Also, suggestions are offered as to areas where cooperation and common approaches among state agencies could provide consistent, comparable information in the future.

Typical of the fragmented picture available, is the map below displaying the incidence of breast



Sources:
Colorado: 1996 data from the Colorado Cantral Cancer Ragistry
Montana: 1996 data from the Montana Cantral Tumor Ragistry
N. Dakota: naw registry, not available during study
S. Dakota: 1995 data from South Dakota Dapartmant of Haalth
Utah: 1996 data from the Utah Cancer Ragistry
Wyoming: 1996 data from the Wyoming Cancar Survaillanca Program
US: American Cancar Society, CA:A Cancer Journal for Clinicians, Jan/Feb 1996, Vol. 46 No.1.
(Region = 129.2, Nation = 130.8)

FIGURE 5.1: BREAST CANCER INCIDENCE RATES IN REGION VIII

cancer. As can be seen in Figure 5.1, no data were available for North Dakota, where a statewide cancer surveillance system is currently being implemented. South Dakota and Utah only provided state-level data. Other cancers are discussed in Section 5.2, below.

National data are estimates of the total number of breast cancer cases as reported by the American Cancer Society in January 1998. Incidence rate was estimated by using this estimate per 100,000 females from the 1997 Census estimates. In estimating the county-level rates within the three states for which data were provided, the female population used was for the counties in which data were reported. However, in the states reporting by county, some data were provided at the state-level without attribution to a specific county.

5.1 INDICATORS OF INFECTIOUS DISEASES IN REGION VIII

Data reported by the states for incidence of infectious diseases are presented in Table 5.1. Some of these data were provided by county and others at the state level. The data in the table are those at the state level; the county-level data were less complete than the data shown, and, in some cases, do not add to the state totals due to suppression of small numbers.

TABLE 5.1: INCIDENCE OF INFECTIOUS DISEASES IN WOMEN: 1997

					Sexually Transmitted Diseases					
	Hepatitis				Chla-	Gonor-	Syphilis			
	A	B	C	TB	mydia	rhea	Early	Total	AIDS	HIV
Colorado	125	40	9	41	5,946	1,184	10	15	35	38
Montana	27	7	11	10	984	30	--	3	4	--
N. Dakota	--	--	--	3	673	46	--	--	--	5
S. Dakota	14	1	--	8	1,170	124	--	--	--	--
Utah	255	32	1	14	1,343	85	--	33	11	11
Wyoming	14	12	36	1	535	30	--	--	--	1
Region VIII	435	92	57	77	10,651	1,499	10	51	50	55
US Total*	16,099	5,518	--	7,765	414,528	160,647	10,473	27,494	13,222	6,213

Sources: Incidence data were collected from the states and are for 1997; US incidence data for hepatitis and syphilis are from Table 54,*Health US, 1998* (Not available for females, only for total population, hence allocated). STD US data are from the *Sexually Transmitted Disease Report, 1996*, from CDC. US data for TB from Table 2, *1996 TB Surveillance Report.* AIDS & HIV data from*1998 Year-End HIV/AIDS Surveillance Report*, CDC.

Of perhaps more interest are incidence rates for women. These data are provided in Table 5.2. With reference to the table, the following should be noted:

- when only total population incidence rates were available for the US values, the fraction of women 18 years of age or older to total population 18-plus was applied to obtain an approximation of the national rate for females;

TABLE 5.2: INCIDENCE RATE OF INFECTIOUS DISEASES IN WOMEN: 1997

				Sexually Transmitted Diseases			
	Hepatitis					Total	
	A	B	TB	Chlamydia	Gonorrhea	Syphilis	AIDS
Colorado	6.4	2.0	2.1	303.1	60.4	0.8	1.8
Montana	6.1	1.6	2.3	223.2	6.8	0.7	0.9
N. Dakota	--	--	0.9	209.5	14.3	--	--
S. Dakota	3.7	0.3	2.1	312.7	33.1	--	--
Utah	24.7	3.1	1.4	129.9	8.2	3.2	1.1
Wyoming	5.9	5.0	0.4	224.7	12.6	--	--
Region VIII	10.7	2.0	1.8	248.7	34.9	1.4	1.1
US Total	15.8	5.4	5.7	321.5	119.5	4.0	6.7

Rates estimated based upon incidence data provided by states in Table 5.1 per 100,000 1997 total female population.
Dashes indicate data not reported.
Sources: identified in Table 5.1

- state rates were estimated based upon incidences provided by the states and total female population for the states reporting; and
- US totals are derived from different sources using different approaches as noted in the footnote in Table 5.1; where only total population figures were available, figures for women were estimated by taking the rate for men and women and computing the fraction of females to the total population (the assumption implicit in this approach was that males and females had the same incidence, which is not the case; however, no other data were readily available for purposes of comparison).

The following observations can be made regarding the incidence rates. The regional rates appear substantially lower than the national rates for all diseases presented. However, caution should be used when interpreting these data since they were obtained from different sources.

Healthy People 2010 has set the following objectives for hepatitis A, tuberculosis, gonorrhea, syphilis and AIDS:

- Hepatitis A—reduce to no more than 13.2 cases per 100,000 persons,
- TB—reduce to no more than 1 per 100,000 persons,
- Gonorrhea—no more than 19 cases per 100,000 persons,
- Syphilis—reduce primary and secondary syphilis to fewer than 0.25 cases per 100,000 persons, and
- AIDS—confine annual incidence to no more than 12 per 100,000.

5.2 INDICATORS OF CHRONIC DISEASES IN REGION VIII

Chronic disease incidences, other than for cancers, tend not be collected below the state level and are not collected consistently at the state levels. This is also true at the national level. As such, data were obtained from the CDC sample survey, BRFSS[1] to estimate the prevalence of diabetes, high cholesterol, and hypertension, thereby permitting collection of data from a single source using a consistent collection approach. Employing the methodology provided by CDC, the number of responses within the six states of Region VIII were found to be insufficient for estimating prevalence at the county levels for more than a handful of counties. Therefore, estimates are only provided at the state levels.

5.2.1 Prevalence of Diabetes, Elevated Cholesterol, and Hypertension

The findings are presented in Table 5.3, below. The region as a whole and each of the states are found to be below the national level for diabetes. Women in Montana and North Dakota report being diagnosed with elevated cholesterol levels more often than in the nation or the other states in the region. Women in North Dakota also reported more diagnoses of high blood pressure than did women across the nation.

TABLE 5.3: PREVALENCE OF CHRONIC DISEASES IN WOMEN: 1997

	Diabetes	High Cholesterol	Hypertension
Colorado	3.9	26.1	21.5
Montana	2.8	32.0	23.5
N. Dakota	3.5	31.6	25.4
S. Dakota	4.2	26.3	22.7
Utah	3.7	25.3	22.8
Wyoming	3.6	27.8	23.1
Region VIII	3.7	27.1	22.5
US Total	4.9	28.8	23.6

Percent indicating ever having been diagnosed with diabetes, high cholesterol, or high blood pressure.
Source: CDC, *1997 BRFSS*

5.2.2 Incidence of Cancer in Women in Region VIII

Malignant neoplasms are the second leading cause of death across almost all age and race categories for women, and tend to result in deaths twice as often as from the next leading cause. Hence, all women are profoundly aware of the disease classification and seek preventive and

[1] BRFSS, the *Behavior Risk Factor Surveillance System* is sponsored by the National Center for Chronic Disease Prevention and Health Promotion, Centers for Disease Control and Prevention—a national sample survey of men and women 18 years of age and older.

predictive consultation and testing from clinicians. This section presents data on incidence within the region.

Table 5.4 presents the number of cancer cases, by site, from the cancer registries of Colorado, Montana, South Dakota, Utah, and Wyoming. North Dakota is in the process of developing a registry and should be able to supply data in the future. The sites selected for the table are those most often reported by the most states in the region. Also, national incidence data for females was not obtained. Finally, as noted at the outset of the chapter, data are available at the county level for some sites in three states; these data are presented in Appendix D to this document.

TABLE 5.4: SITE-SPECIFIC INCIDENCE OF CANCER IN FEMALES: 1996

	Total	Bladder	Brain	Breast	Colo-rectal	Corpus Uteri**	Kidney	Leuk-emia	Lung	Skin	Ovary	Stomach	Thyroid
Colorado	6,207	182	139	2,775	731	394	112	--	768	545	309	73	179
Montana	1,484	43	46	718	217	--	38	--	245	44	74	20	39
N. Dakota	--	--	--	--	--	--	--	--	--	--	--	--	--
S. Dakota*	476	33	-	400	192	--	--	29	--	--	--	14	--
Utah	1,778	51	41	857	285	185	43	51	186	121	120	31	92
Wyoming	702	16	11	306	91	54	14	15	98	26	35	12	24
Region VIII	10,647	325	237	5,056	1,516	633	207	95	1,297	736	538	150	334

* South Dakota data for 1995
**Corpus uteri is ICD-9 Code 182.0, and refers to uterine cancer
Dashes indicate data not available
Source: Data collected from individual state cancer registries as identified on Figure 5.1

Table 5.5 presents site-specific incidence rates for representative cancers in women. As indicated in the notes to the table:

- the data presented are for different years-1995 for South Dakota, 1996 for the other states, and 1998 for the US;
- the data were not reported for a number of sites; and
- the regional data were estimated based upon the population of the jurisdictions reporting.

Because of the differences among the data presented, little can be stated with a high degree of confidence. However, the following thoughts are offered regarding the data. Breast cancer incidence rates appear to be high in Colorado and Montana. Cancers of the colon/rectum, uterus, and lung appear to be well below the national values.

TABLE 5.5: SITE-SPECIFIC CANCER INCIDENCE RATES IN WOMEN: 1996

	Breast	Colorectal	Corpus Uteri*	Lung	Skin	Ovary
Colorado	147.0	38.7	20.9	40.7	28.9	16.4
Montana	164.3	49.7	--	56.1	10.1	16.9
N. Dakota	--	--	--	--	--	--
S. Dakota	108.2	51.9	--	--	--	--
Utah	87.2	29.0	18.8	18.9	12.3	12.2
Wyoming	128.6	38.2	22.7	41.2	10.9	14.7
Region VIII	129.2	35.8	20.4	36.6	20.8	15.2
US Total	130.8	49.0	26.4	58.6	12.7	18.6

Incidence of cancer per 100,000 females in states reporting incidence greater than zero
*Corpus uteri is ICD-9 Code 182.0, and refers to uterine cancer
Source: data collected from individual state cancer registries as identified on Figure 5.1; US data from American Cancer Society, *Cancer Facts & Figures-1998*; rate calculated using 1997 total female population.

5.3 SUMMARY OF INFECTIOUS AND CHRONIC DISEASES IN REGION VIII

It is difficult to form a picture of the status of women in the region with regard to infectious and chronic diseases because of the data issues raised above. This issue is not unique to Region VIII. As noted, even at the national level, with all of the resources available, the data are fragmented. Among the potential improvement opportunities are the following:

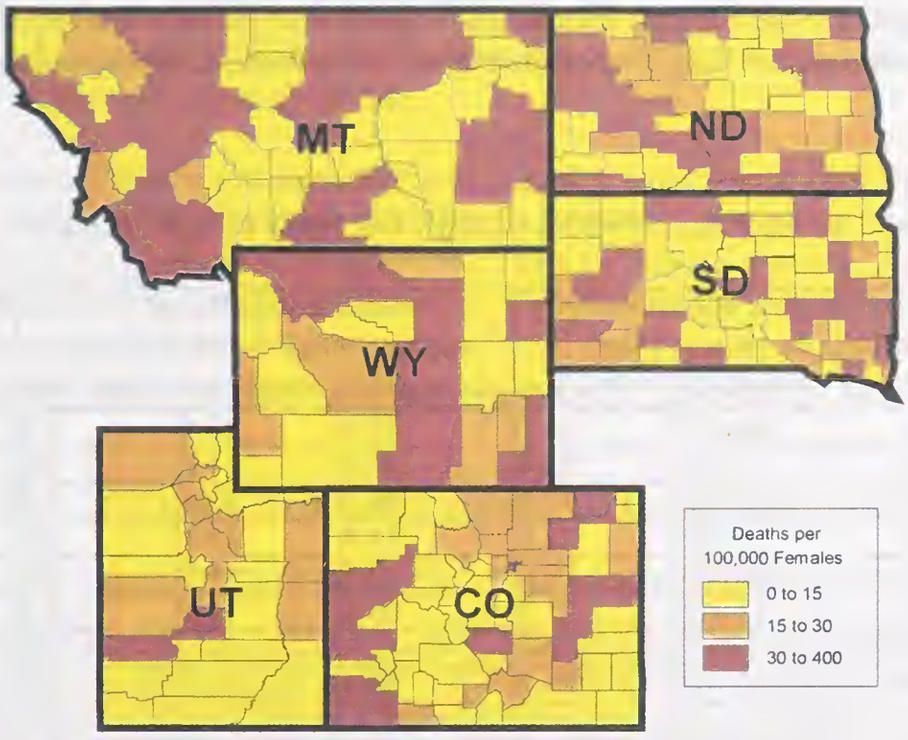
- coordinate which BRFSS and YRBSS modules the individual states think are important, and then collect data on the designated optional modules to facilitate comparison. For example, in 1996 all Region VIII states collected data on the Diabetes module except South Dakota; however, only one or two states collected data regarding other topics (Arthritis – Montana, Alcohol – Wyoming, Cholesterol – none, Colorectal screen – none, Cardiovascular – none, Hypertension – South Dakota, Health care coverage – Colorado and North Dakota, Immunization – Montana and Wyoming, and Oral Health – Montana, South Dakota and Utah); and
- promote communications among the disease incidence collection agencies in the region to coordinate the diseases thought to be most important, and look among the existing collection strategies being employed to leverage good models.

6.0

INDICATORS OF MENTAL HEALTH OF WOMEN IN REGION VIII

Very few measures of women's mental health are available at the state and county levels because of a lack of necessary data. A later chapter on prevention (Chapter 10) introduces the results of behavioral surveys that bear on this issue, and a few findings from those surveys are introduced in this chapter. In addition, data on mortality can shed light on the outcomes of certain mental disorders. Hence, the only data available come from self-reported surveys and death records. When considering these data, a mixed picture emerges as to the mental health status of women in the region.

The map below provides the first indication. As shown in Figure 6.1, a substantial number of counties in the region have mortality rates resulting from mental disorders that are many multiples of the regional and national rates. Some of the high rates result from small numbers of deaths in low populated areas. However, others result from a significant number of deaths in more heavily populated counties.



Source: NCHS, *1996 Mortality Detail*

(Region = 25.1, Nation = 19.4)

FIGURE 6.1: MORTALITY RATES OF WOMEN FROM MENTAL DISORDERS: 1996

The category of mental disorders includes senile and pre-senile organic psychotic conditions, alcohol psychoses, all other psychoses, alcohol dependence syndrome, drug dependence, other neurotic mental disorders, and mental retardation. The specific ICD-9-CM codes for these disorders are provided in Appendix B.

These are not the problems typically thought of when mental health of a population is considered; rather the depressive disorders, anxiety, bipolar disorders, etc. are the categories that come to mind when mental health is considered. However, data are not available on these and the many other illnesses that concern public health and mental health professionals.

6.1 BEHAVIORAL MEASURES OF MENTAL ILLNESSES

Absent direct measures of mental health, certain proxies must be considered. Presented in Table 6.1 is a collection of data from different sources. The first segment in the table presents data from the *1996 Behavioral Risk Factor Surveillance System*, or BRFSS. Women 18 years of age and older were asked about the number of days in the recent month their mental health was poor. In Colorado, for example, roughly 24 percent of women responded as having had poor mental health days in the past month, and of those, the mean number of such days was 3.7. A smaller percentage of women in each state and the region as a whole reported having poor mental health days when compared to the nation. In addition, with the exception of the two most populous states, women in the region had fewer poor mental health days, on average, than women across the nation.

TABLE 6.1: INDICATORS OF MENTAL HEALTH

	Poor Mental Health* Women 18+		Suicide (Non-Fatal)** Percent Of High School Females			Mortality*** Suicide
	Incidence	Percent	Considered	Attempted	Med Asst	Rate
Colorado	156,413	24.2	29.6	15.1	4.6	6.5
Montana	26,503	22.4	30.9	11.5	2.8	5.2
N. Dakota	24,099	27.8	30.1	11.6	4.2	4.3
S. Dakota	15,985	23.0	31.7	12.1	2.5	5.1
Utah	80,333	25.4	29.3	11.6	4.8	4.7
Wyoming	13,811	21.2	28.4	11.5	2.9	5.9
Region VIII	317,144	24.3	30.0	12.1	3.4	5.6
US Total	10,577,679	29.2	27.1	11.6	3.3	4.4
Region:US		0.83	1.11	1.04	1.04	1.3

Sources:
* CDC, *1996 BRFSS*; percent responding mental health not good more than 10 days in past month.
** CDC, *1997 YRBS*
***NCHS, *1996 Detail Mortality File*; rate per 100,000 females.

The second segment presents data for teenage females from the *1997 Youth Risk Behavior Survey*, or YRBS. One indicator among the series of questions posed to the respondents focused on suicide. The data shown on the table reflects the percentage of young women responding that they had considered suicide, had actually attempted suicide, and lastly, required medical attention as the result of a suicide attempt. First, the magnitude of the responses is startling—data appear to indicate that nationwide, over 27 percent of young women have contemplated taking their lives. Also, these data show that the percent of teenage females in the region is higher than for the nation. The state-by-state values are consistent, and each is higher than the national value. Reported attempts are also higher in the region than the nation, but the variation is greater than for teens considering suicide. With the exception of Colorado and South Dakota, teens in the four remaining states report suicide attempts at, or below the national average. Finally, teens reporting that they required medical assistance as the result of a suicide attempt present a mixed pattern—Colorado data are consistently high, while data from North Dakota and Utah are higher than might have been expected given the percentages of attempts in those states. The other three state results are below the national value.

6.2 MORTALITY MEASURES OF MENTAL HEALTH

The pattern discussed above appears to carry over into deaths from suicides. Suicide deaths in the region are thirty percent above the national rate, and each state except North Dakota is above the national rate. Additionally, suicide deaths for females of all ages in Colorado in 1996 were almost 50 percent higher than the national rate.

The tables below present deaths and mortality rates resulting from mental disorders. The first table, Table 6.2 presents the number of deaths. The first column presents the total number of deaths from all causes for purposes of comparison. The data indicate that about 3.6 percent of all deaths in the region are a result of mental disorders. The percentages range from a low of 3.0 percent in Wyoming to a high of 3.7-3.8 percent in Colorado, Montana, and North Dakota. The national percentage of deaths due to mental disorders is 2.3; the rate for the region is 56 percent higher.

TABLE 6.2: FEMALE DEATHS FROM MENTAL DISORDERS: 1996

	All Causes	Mental Disorders	Senile Organic	Psychoses Alcohol	Psychoses Other	Dependence Alcohol	Dependence Drug	Other Disorders	Mental Retardation	Suicide
Colorado	12,825	484	267	2	147	35	0	32	1	125
Montana	3,644	139	78	0	41	7	0	12	1	23
N. Dakota	2,940	109	49	0	39	1	0	17	3	14
S. Dakota	3,243	111	46	0	49	2	0	13	1	19
Utah	5,329	183	85	1	66	14	2	12	3	47
Wyoming	1,778	54	26	1	16	4	0	7	0	14
Region VIII	29,759	1,080	551	4	358	63	2	93	9	242
US Total	1,151,121	26,255	13,695	67	7,733	1,179	95	3,313	173	5,905

Source: NCHS, *1996 Mortality Detail File*

The next table presents information that can be used more directly for comparison purposes. Table 6.3 shows the crude mortality rates—that is, deaths per 100,000 females not adjusted for age—from mental disorders. With the exception of Utah, the mortality rate in each state is higher than the national rate. Across the entire region, the mortality rate from mental disorders is almost 30 percent higher than the national value.

TABLE 6.3: FEMALE MORTALITY RATES FROM MENTAL DISORDERS: 1996

	Mental Disorders	Senile Organic	Psychoses		Dependence		Other Disorders	Mental Retardation	Suicide
			Alcohol	Other	Alcohol	Drug			
Colorado	25.1	13.9	0.1	7.6	1.8	0.0	1.7	0.1	6.5
Montana	31.5	17.7	0.0	9.3	1.6	0.0	2.7	0.2	5.2
N. Dakota	33.8	15.2	0.0	12.1	0.3	0.0	5.3	0.9	4.3
S. Dakota	29.9	12.4	0.0	13.2	0.5	0.0	3.5	0.3	5.1
Utah	18.2	8.5	0.1	6.6	1.4	0.2	1.2	0.3	4.7
Wyoming	22.6	10.9	0.4	6.7	1.7	0.0	2.9	0.0	5.9
Region VIII	25.1	12.8	0.1	8.3	1.5	0.0	2.2	0.2	5.6
US Total	19.4	10.1	0.0	5.7	0.9	0.1	2.4	0.1	4.4
Region:US	1.29	1.27	1.88	1.46	1.68	0.66	0.88	1.64	1.27

Source: NCHS, *1996 Mortality Detail File*; rate per 100,000 females.

The rates of death from alcohol psychoses and alcohol dependence, while extremely small in terms of numbers of occurrences, are substantially above the national values. The behavioral data presented in Chapter 10 show that alcohol usage in teens is above the national average: six percent more young females under 13 began drinking alcohol in the region than in the nation; and, eight percent more young women in high school drink in the region than in the nation. Information is not available for women 18 and older in that five of the six states in the region did not respond to the module of the BRFSS addressing alcohol consumption in 1996.

Data on suicide rates have been repeated from Table 6.1 in order to provide an overall picture of female mortality from mental disorders.

Data are available for mortality by race, as is shown in Table 6.4. With reference to the table, the numbers in parentheses in the headings are the total female deaths in the category from the mental disorders in all six states. The data show that with the exception of Black and Asian/Pacific Islander females, the racial categories are higher than the national values, and that each state exceeds the national values, with the exception of Utah in two cases. American Indian and Hispanic rates are 53 and 118 percent greater than the national rate. However, both rates are substantially lower than the total rate for all women—that is, all for races and ethnicity.

Therefore, there may be either a social or mental health issue regarding alcohol consumption. This is all the more reason to consider increasing participation in the BRFSS and YRBS surveys, to provide added insight on these topics.

TABLE 6.4: FEMALE MORTALITY RATES FROM MENTAL DISORDERS, BY RACE AND ETHNICITY: 1996

	All (1,080)	White (1,057)	Black (5)	AI (17)	A/PI (1)	Hispanic (26)
Colorado	25.1	26.7	5.0	16.8	2.2	7.6
Montana	31.5	33.0	0.0	14.5	0.0	14.0
N. Dakota	33.8	35.7	0.0	6.7	0.0	0.0
S. Dakota	29.9	30.8	0.0	23.9	0.0	0.0
Utah	18.2	18.9	13.5	6.9	0.0	6.8
Wyoming	22.6	23.1	0.0	18.8	0.0	7.4
Region VIII	25.1	26.3	5.3	15.6	1.2	7.4
US Total	19.4	21.7	10.2	10.2	2.8	3.4
Region:US	1.29	1.21	0.52	1.53	0.45	2.18

Numbers in ( ) at top indicate the number of female deaths due to mental disorders by race in the region.
Females of Hispanic origin may be of any race
Source: NCHS, *1996 Mortality Detail File*; rate per 100,000 females.

7.0

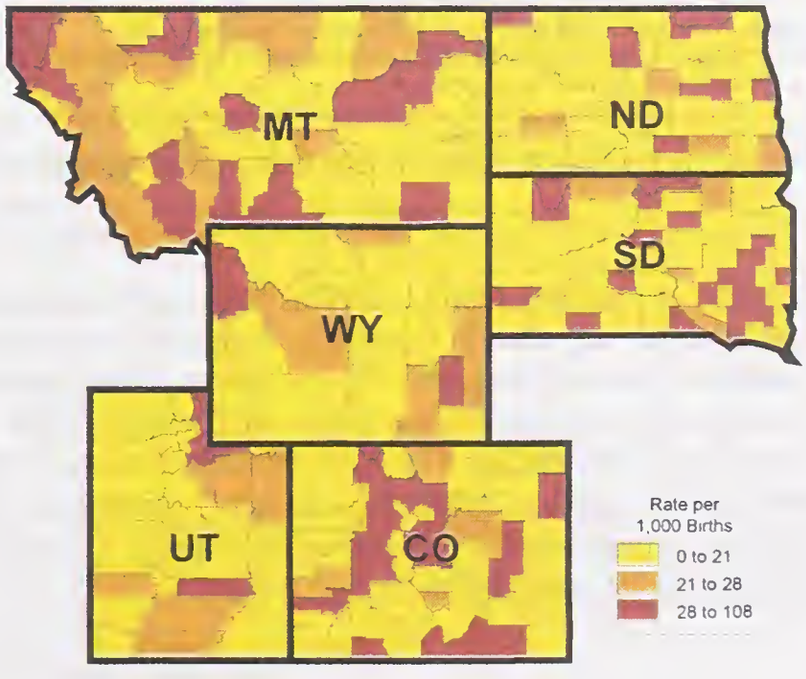
INDICATORS OF REPRODUCTIVE HEALTH IN REGION VIII

In general, women in the six-state region exhibit better reproductive health when compared to women in the nation as a whole. In 1996, women in Region VIII had:

- An eight percent lower rate of preterm births;
- A 29 percent lower rate of births to unmarried women;
- A 15 percent lower rate of teens having more than one child; and
- A 17 percent lower rate of primary C-sections and 25 percent lower rate of repeat C-sections than women across the nation.

White and Black females under the age of 15 had fewer births than might have been expected when compared to national rates for these racial groups, American Indians under the age of 15 gave birth at essentially the national average, and Asian/Pacific Islander and Hispanic females in this age cohort gave birth at a higher rate than the national averages.

And, as shown in Figure 7.1, women over 40 years of age had a lower birth rate than the national rate.



Source: NCHS, *1996 Natality Detail File*

(Region = 21.7, Nation = 27.5)

FIGURE 7.1: BIRTH RATE TO WOMEN 40+ YEARS OF AGE: 1996

With regard to the map, the extremely high rates result from births in areas with small total numbers of births. Despite this, there are quite a few counties in which women over 40 years of age gave birth at a high rate. Details are presented in the appendix.

Since many of the indicators presented in this chapter use the number of live births as the denominator, it is of interest to examine the number of births in order to understand the significance of the values. Table 7.1 presents the births and birth rates to all women in the region, by state; also shown are the comparable figures for the nation as a whole.

TABLE 7.1: BIRTHS, BIRTH RATES, FERTILITY RATES, AND PREGNANCY RATES: 1996

	Total Births	Birth Rate*	Fertility Rate**	Pregnancy Rate***
Colorado	55,807	14.6	63.6	75.7
Montana	10,856	12.3	58.5	71.2
N. Dakota	8,347	13.0	60.6	69.7
S. Dakota	10,473	14.3	66.6	71.3
Utah	42,087	21.0	89.0	96.1
Wyoming^	6,286	13.1	59.8	60.0
Region VIII	133,856	15.6	69.1	78.6
US Total	3,891,494	14.7	65.3	86.1

* Births per 1,000 total population (male + female)
** Births per 1,000 women of childbearing age (15-44)
*** Births + abortions + fetal deaths per 1,000 women of childbearing age
Sources: Births: NCHS, *1996 Natality Detail File.* Abortions and fetal data were collected from the states. See Appendix A.
^ Abortion data for Wyoming from Alan Guttmacher Institute, *Family Planning Perspectives, Vol.3, No. 6 N/D 1998.*
Births are for 1996 (latest available from NCHS), abortion and fetal deaths for 1997 (provided by the states).

Region VIII has a slightly higher fraction of total US births than might be expected when looking strictly at the region's population. As noted in Chapter 3, while approximately 3.2 percent of the female population of the US reside in Region VIII, 3.4 percent of the nation's births occur in the region. Table 7.1 also shows that women in the region have a higher birth rate and a higher fertility rate than do women across the nation. However, with the exception of women in Utah, the five other states exhibit lower values in both categories while women in Utah have 43 percent higher birth rates and 36 percent higher fertility rates than the national averages. The race and age breakdowns for these factors are presented below.

7.1 BIRTHS BY RACE OF THE MOTHER

As is true across the nation, reproductive health in the region varies by the race of the mother. In terms of numbers of births, Table 7.2 shows that the great majority of births (i.e., about 91%) are to White females. As was noted in the demographics discussion (See Chapter 3), the region is

comprised of a much higher percentage of White women than the nation, and this is reflected in the relative numbers of births by race.

TABLE 7.2: BIRTHS BY RACE AND ETHNICITY OF MOTHER: 1996

	Total Births	White	Black	American Indian	Asian/Pac Islander	Hispanic
Colorado	55,807	51,070	2,577	586	1,574	12,375
Montana	10,856	9,500	38	1,208	110	298
N. Dakota	8,347	7,404	89	751	103	137
S. Dakota	10,473	8,657	83	1,637	96	146
Utah	42,087	39,955	324	631	1,177	3,944
Wyoming	6,286	5,959	49	216	62	523
Region VIII	133,856	122,545	3,160	5,029	3,122	17,423
US Total	3,891,494	3,093,057	594,781	37,880	165,776	701,339

Females of Hispanic origin may be of any race.
Source: NCHS, *1996 Natality Detail File*

As is shown in the table, the number of births for each racial and ethnic group is essentially proportional to the group's relative proportion in the region.

TABLE 7.3: BIRTH AND FERTILITY RATES BY RACE/ETHNICITY OF MOTHER: 1996

	Birth Rate*					Fertility Rate**				
	White	Black	Amer Indian	A/PI	Hispanic	White	Black	Amer Indian	A/PI	Hispanic
Colorado	14.4	15.7	16.5	18.1	23.1	63.5	63.8	64.4	66.9	100.6
Montana	11.6	11.8	22.3	21.4	20.5	55.6	47.6	97.6	76.2	90.8
N. Dakota	12.2	21.6	25.6	19.8	21.5	57.5	83.3	111.5	77.2	81.4
S. Dakota	13.0	18.3	28.6	21.4	20.1	60.9	80.4	127.5	74.9	83.6
Utah	20.9	19.3	22.2	24.8	32.4	89.0	82.7	87.4	92.2	137.7
Wyoming	12.9	12.0	20.5	16.6	19.0	59.3	48.2	86.2	56.5	81.9
Region VIII	15.3	16.0	23.3	20.4	24.4	68.2	65.5	99.0	75.3	105.8
US Total	14.1	17.8	16.6	17.0	24.8	64.3	70.7	68.7	65.9	104.9

* Births per 1,000 total population (male + female)
** Births per 1,000 women of childbearing age (15-44)
Females of Hispanic origin may be of any race.
Source: NCHS, *1996 Natality Detail File*

The birth and fertility rates shown in Table 7.3 display the differences in childbearing trends by race. Women of all races in Utah have higher birth rates than both the regional and national rates. With the exception of Utah, Hispanic women in the region have consistently lower birth

rates. The low birth rates for Black women in Montana and Wyoming are reflective of the small numbers of births and the low populations of these states. American Indian women have birth rates higher than the national average in all states but Colorado, particularly in South Dakota and North Dakota.

With regard to fertility rates: the rate for White women in Utah is 30 to 40 percent higher than the regional and national values; the rates for American Indian women in Montana, North Dakota, and South Dakota are 40 to 85 percent higher than the national rate; and Hispanic women in the region have fertility rates generally lower the national rate, with only women in Utah having a much higher rate.

Given these birthing characteristics, reproductive concerns in Region VIII are considered next.

7.2 INDICATORS OF BIRTH OUTCOMES BY RACE AND ETHNICITY

This section presents a number of the issues descriptive of the results of the pregnancy and birthing periods. Together these indicators shed light on recent experiences of women in the region and establish a baseline for subsequent assessments. The specific issues detailed are: pre-term births (Section 7.2.1), low birthweight births (7.2.2), complications of birth (7.2.3), physician supervision of birth (7.2.4), births to teenage mothers (7.2.5), teenagers with at least one prior birth (7.2.6), method of delivery (7.2.7), births to unmarried women (7.2.8), birth interval (7.2.9), multiple births (7.2.10), and abnormal outcomes of the newborn (7.2.11). Details for each section are provided in Appendix D.

7.2.1 Preterm Births by Race and Ethnicity of Mother

Table 7.4 presents the findings with regard to preterm births. Each of the non-White populations in the region has higher percentages of preterm births than do White women, and higher percentages than the national percentage for all women. American Indian women in the region have a higher percent of preterm births in all states except Colorado and North Dakota. Even though Region VIII Black women have a smaller percentage of preterm births than do Black women across the nation, the rate is 50 percent higher than for White women and all women. White women in the region have a lower percent preterm births in all states except Colorado and Wyoming. Although preterm births have been steadily increasing rather than decreasing for over a decade, a *Healthy People 2010* objective is to reduce the incidence of preterm births to no more than 7.6 per 100 live births.

7.2.2 Low Birthweight Births by Race and Ethnicity of Mother

Table 7.5 presents the findings with regard to low birthweight (that is, less than 2500 grams) and very low birthweight (that is, less than 1500 grams) births. The data are shown as a percentage of total births for each racial category being considered. American Indian women have the smallest percentage of low birthweight births, and also have the largest difference between pre-

TABLE 7.4: PERCENT PRETERM BIRTHS BY RACE/ETHNICITY OF MOTHER: 1996

	All Women	White	Black	American Indian	Asian/Pac Islander	Hispanic
Colorado	10.7%	10.4%	15.3%	10.2%	11.7%	11.6%
Montana	9.7%	9.4%	13.2%	12.1%	13.6%	10.1%
N. Dakota	9.3%	9.0%	16.9%	11.6%	8.7%	11.7%
S. Dakota	10.0%	9.4%	13.3%	12.9%	17.9%	13.7%
Utah	9.5%	9.4%	15.7%	13.2%	10.1%	10.7%
Wyoming	10.8%	10.7%	8.2%	13.4%	14.5%	10.9%
Region VIII	10.1%	9.8%	15.2%	12.2%	11.3%	11.4%
US Total	11.0%	9.8%	17.4%	11.9%	10.0%	10.9%
Region:US	0.92	1.00	0.88	1.03	1.13	1.05

Births occurring prior to 37 weeks of gestation.
Females of Hispanic origin may be of any race.
Source: NCHS, *Natality Detail File*

term and low birthweight births. Alternatively, Black women have the highest percentage of both preterm and low birthweight births.

According to *Healthy People 2010*, low birthweight is the risk factor most closely associated with neonatal mortality. Improvements in birthweight can substantially reduce the infant mortality rate. A *Healthy People 2010* objective is to reduce low birthweight births to under five percent and very low birthweight births to less than one percent.

With regard to very low birthweight births, the underlying numbers of occurrences are so small that the results can not be examined in too much detail. It is sufficient to note that the percentages are consistent with the earlier discussion.

In order to identify some of the potential underlying causes of these birth outcomes, a number of factors are considered. These are discussed below.

7.2.3 Physician Supervision of Birth

Table 7.6 shows the percentage of women having a physician supervise the birth, by race and ethnicity. As can be seen, all racial categories have percentages comparable to the corresponding national rate. Despite this general finding, American Indian women in North Dakota have among the highest rates. Also, South Dakota women in all racial categories except American Indian, exhibit the highest rates for physician supervision of births.

TABLE 7.5: PERCENT LOW BIRTHWEIGHT AND VERY LOW BIRTHWEIGHT BIRTHS BY RACE AND ETHNICITY OF MOTHER: 1996

	Low Birthweight Births						Very Low Birthweight Births					
	Total	White	Black	AI	A/PI	Hispanic	Total	White	Black	AI	A/PI	Hispanic
Colorado	8.8%	8.5%	15.0%	6.5%	9.3%	8.6%	1.3%	1.2%	2.4%	0.3%	1.1%	1.3%
Montana	6.4%	6.2%	13.2%	7.0%	10.9%	8.1%	1.1%	1.1%	0.0%	1.2%	1.8%	2.0%
N. Dakota	5.7%	5.7%	10.1%	5.1%	8.7%	6.6%	0.9%	0.8%	2.2%	1.1%	1.0%	1.5%
S. Dakota	5.8%	5.8%	9.6%	5.5%	7.4%	7.5%	1.0%	0.9%	2.4%	1.2%	1.1%	0.7%
Utah	6.6%	6.6%	12.0%	7.8%	6.5%	8.2%	1.1%	1.0%	3.7%	2.2%	1.2%	1.3%
Wyoming	8.4%	8.3%	12.2%	9.7%	9.7%	9.6%	1.1%	1.1%	2.0%	0.5%	0.0%	1.5%
Region VIII	7.5%	7.3%	14.4%	6.4%	8.3%	8.5%	1.1%	1.1%	2.5%	1.2%	1.2%	1.3%
US Total	7.4%	6.3%	13.0%	6.5%	7.1%	6.3%	1.4%	1.1%	3.0%	1.2%	1.0%	1.1%
Region:US	1.01	1.16	1.10	0.98	1.17	1.35	0.83	1.02	0.83	0.96	1.17	1.18

Low birthweight is < 2500 grams; very low birthweight is < 1500 grams.
Females of Hispanic origin may be of any race.
Source: NCHS, *1996 Natality Detail File*

Given the high rate of physician supervision at birth and the consistency of these values across the racial categories, the differences among the races as to the birth complication rates is noteworthy.

TABLE 7.6: PHYSICIAN SUPERVISION OF BIRTH BY RACE AND ETHNICITY: 1996

	All Women	White	Black	American Indian	Asian/Pac Islander	Hispanic
Colorado	91.7%	91.6%	92.6%	90.6%	93.6%	93.2%
Montana	89.9%	90.1%	86.8%	88.3%	92.7%	87.6%
N. Dakota	94.0%	93.9%	85.4%	97.2%	86.4%	94.2%
S. Dakota	95.4%	98.1%	96.4%	81.2%	97.9%	97.9%
Utah	92.4%	92.6%	89.8%	84.5%	92.0%	92.6%
Wyoming	95.4%	95.8%	95.9%	84.3%	95.2%	97.5%
Region VIII	92.4%	92.6%	92.2%	86.9%	92.9%	93.1%
US Total	92.9%	93.2%	92.3%	82.5%	93.6%	91.2%
Region:US	0.99	0.99	1.00	1.05	0.99	1.02

Females of Hispanic origin may be of any race.
Source: NCHS, *1996 Natality Detail File*

7.2.4 Births to Teenage Mothers

The number of births to teenage mothers by age and race/ethnicity are shown in Table 7.7. However, it is of more interest to examine the percentage of births to teenagers as compared to the total number of births in the racial/ethnic category. This information is presented in the table that follows.

TABLE 7.7: BIRTHS TO TEENAGE MOTHERS BY RACE AND ETHNICITY: 1996

	<15					15-17					18-19				
	White	Black	Amer indian	A/Pi	His-panic	White	Black	Amer indian	A/Pi	His-panic	White	Black	Amer indian	A/Pi	His-panic
Colorado	93	19	4	4	75	2,153	187	38	52	1,107	3,650	319	80	62	1,580
Montana	10	0	7	1	3	319	4	120	2	35	704	4	165	8	34
N. Dakota	2	0	4	0	0	171	5	65	1	3	444	7	93	7	24
S. Dakota	6	0	8	0	0	250	3	154	2	10	552	12	213	3	13
Utah	34	3	4	4	15	1,378	21	43	20	325	2,807	41	73	55	438
Wyoming	2	0	1	0	2	286	3	24	2	52	543	9	29	3	61
Region VIII	147	22	28	9	95	4,557	223	444	79	1,532	8,700	392	653	138	2,150
US Total	5,526	5,193	202	227	3,056	123,376	56,026	3,088	3,231	48,344	221,309	74,570	4,643	5,334	70,534

Females of Hispanic origin may be of any race.
Source: NCHS, *1996 Natality Detail File*

It can be seen on Table 7.8 that in the youngest category, White teenage mothers represent one tenth of a percent of the total White births, Black teenagers constitute 0.7 percent, American

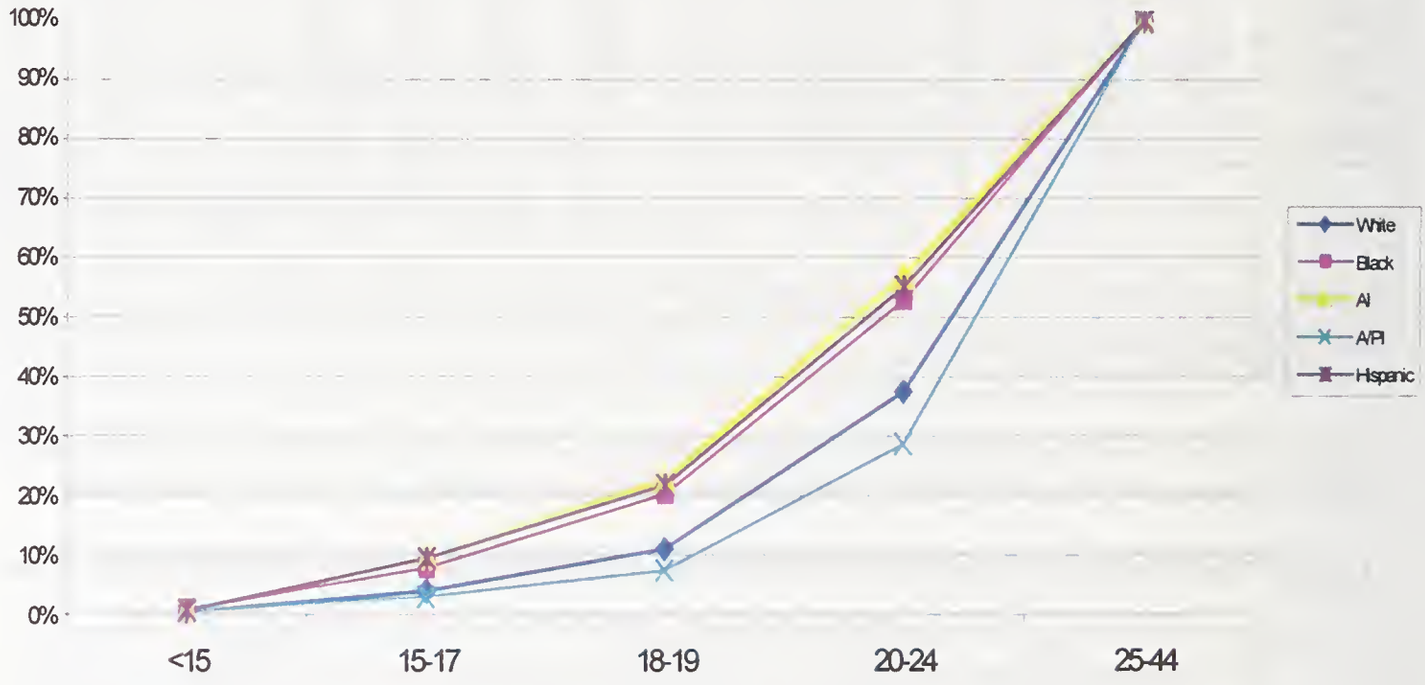
TABLE 7.8: PERCENT OF BIRTHS TO TEENAGE MOTHERS BY RACE/ETHNICITY: 1996

	<15					15-17					18-19				
	White	Black	Amer. indian	A/Pi	His-panic	White	Black	Amer. indian	A/Pi	His-panic	White	Black	Amer. indian	A/Pi	His-Panic
Colorado	0.2%	0.7%	0.7%	0.3%	0.6%	4.2%	7.3%	6.5%	3.3%	8.9%	7.1%	12.4%	13.7%	3.9%	12.8%
Montana	0.1%	0.0%	0.6%	0.9%	1.0%	3.4%	10.5%	9.9%	1.8%	11.7%	7.4%	10.5%	13.7%	7.3%	11.4%
N. Dakota	0.0%	0.0%	0.5%	0.0%	0.0%	2.3%	5.6%	8.7%	1.0%	2.2%	6.0%	7.9%	12.4%	6.8%	17.5%
S. Dakota	0.1%	0.0%	0.5%	0.0%	0.0%	2.9%	3.6%	9.4%	2.1%	6.8%	6.4%	14.5%	13.0%	3.1%	8.9%
Utah	0.1%	0.9%	0.6%	0.3%	0.4%	3.4%	6.5%	6.8%	1.7%	8.2%	7.0%	12.7%	11.6%	4.7%	11.1%
Wyoming	0.0%	0.0%	0.5%	0.0%	0.4%	4.8%	6.1%	11.1%	3.2%	9.9%	9.1%	18.4%	13.4%	4.8%	11.7%
Region VIII	0.1%	0.7%	0.6%	0.3%	0.5%	3.7%	7.1%	8.8%	2.5%	8.8%	7.1%	12.4%	13.0%	4.4%	12.3%
US Total	0.2%	0.9%	0.5%	0.1%	0.4%	4.0%	9.4%	8.2%	1.9%	6.9%	7.2%	12.5%	12.3%	3.2%	10.1%
Region:US	0.67	0.80	1.04	2.11	1.25	0.93	0.75	1.08	1.30	1.28	0.99	0.99	1.06	1.37	1.23

Females of Hispanic origin may be of any race.
Source: NCHS, *1996 Natality Detail File*

Indians 0.3 percent and Asian/Pacific Islander teenagers 0.3 percent. It should be noted that there are very few such births in the region—there were 22 births to teenage Blacks under the age of 15, 28 to American Indians, and only nine to Asian/Pacific Islander teenagers. There were 95 such births to Hispanic teens, which constitutes 0.5 percent of the total Hispanic births, a 25 percent higher rate than for the US.

Asian/Pacific Islander and White females had children later than Black, American Indian, and Hispanic women. This may be seen more clearly on the figure that follows. With reference to Figure 7.2, while the percentage of births is not a continuous function, displaying the data in this fashion highlights the differences. The sharper rise in the distribution indicates reaching full family size at an earlier age. In all racial categories the cumulative number of births exceeds 99.7 percent by 44 years of age.

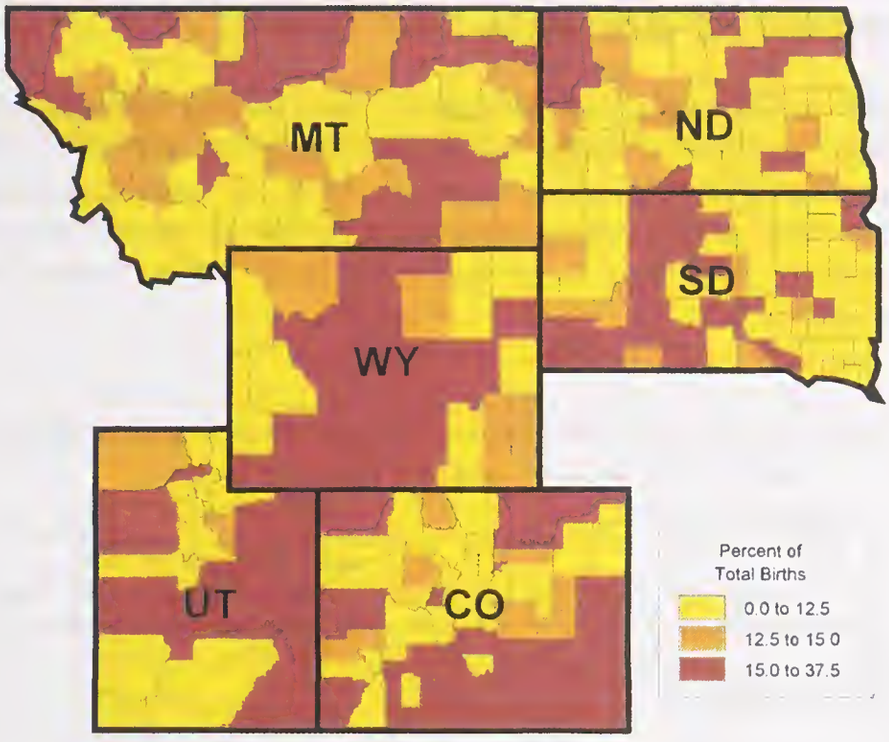


Females of Hispanic origin may be of any race.
Source: NCHS, *1996 Natality Detail File*

FIGURE 7.2: CUMULATIVE DISTRIBUTION OF REGION VIII BIRTHS BY AGE AND RACE: 1996

It is also interesting to consider the distribution of teenage births below the state level. As was noted in Table 7.8, the region compares well with the nation as a whole. Figure 7.3, on the following page, shows the percentage of total births to teenage mothers in each county of the region.

With the exception of south central and southeast Colorado, the higher percentages of teenage births appear to be distributed across the region.



Source: NCHS, *1996 Natality Detail File*

(Region = 12.7%, Nation = 12.9%)

FIGURE 7.3: PERCENT OF BIRTHS TO TEENAGE MOTHERS: 1996

As a summary of teenage reproductive trends, Table 7.9 presents the pregnancy, birth, and abortion rates for teens in the region. Rates in all states are lower than the national values, for the three categories.

TABLE 7.9: PREGNANCY RATES, BIRTH RATES, AND ABORTION RATES FOR TEENAGE FEMALES (15-19): 1996

	Pregnancy Rate	Birth Rate	Abortion Rate
Colorado	90	50	28
Montana	65	39	17
N. Dakota	50	32	10
S. Dakota	59	39	10
Utah	60	43	8
Wyoming	74	44	20
US Total	97	54	29

Source: The Alan Guttmacher Institute, *Teenage Pregnancy: Overall Trends and State-by-State Information.* April 1999.

7.2.5 Teenage Mothers with a Previous Child

Another public health issue of concern is the number of teens having more than one child. Table 7.10 presents these data. As shown, the regional percentages are consistently smaller than the national values. The percentages for Black teens are greater than the national value in both of the Dakotas, and the percentage in Wyoming for Black teens is quite small. Also, the percentage of White teens with at least one child when giving birth in North Dakota is much smaller than the regional and national values.

TABLE 7.10: TEEN MOTHERS WITH AT LEAST ONE CHILD WHEN GIVING BIRTH BY RACE AND ETHNICITY: 1996

	All Women	White	Black	American Indian	Asian/Pac Islander	Hispanic
Colorado	27.8%	27.3%	34.1%	26.2%	24.6%	29.3%
Montana	25.2%	24.2%	37.5%	28.4%	27.3%	25.0%
N. Dakota	20.0%	17.3%	41.7%	29.0%	12.5%	29.6%
S. Dakota	22.9%	19.8%	46.7%	28.8%	0.0%	30.4%
Utah	24.3%	23.9%	33.8%	30.8%	25.3%	28.8%
Wyoming	21.8%	22.1%	8.3%	22.2%	0.0%	21.7%
Region VIII	25.4%	24.8%	34.1%	28.4%	23.5%	28.9%
US Total	30.0%	27.6%	36.5%	29.1%	28.2%	30.1%
Region:US	0.85	0.90	0.93	0.97	0.83	0.96

Denominator for each percentage is all teen mothers giving birth.
Females of Hispanic origin may be of any race.
Source: NCHS, *1996 Natality Detail File*

7.2.6 Method of Delivery

The method of delivery for women in Region VIII appears consistent with the national norms. As shown in Table 7.11, each racial category meets or exceeds the national percentage of vaginal deliveries, has correspondingly fewer C-section deliveries, and with the exception of American Indian, women in Region VIII have many fewer repeat C-section deliveries than women across the nation. The *Healthy People 2010* objective is to reduce the overall cesarean section rate to less than 15 per 100 live births. As can be determined in the table below, the US rate in 1996 was 20.7 while for Region VIII it was 16.5.

TABLE 7.11: TYPE OF DELIVERY BY RACE AND ETHNICITY: 1996

	Percent Vaginal Delivery						Percent Primary C-Section						Percent Repeat C-Section					
	All	White	Black	Amer Indian	A/PI	His-panic	All	White	Black	Amer Indian	A/PI	His-panic	All	White	Black	Amer Indian	A/PI	His-panic
Colorado	84.9%	84.9%	83.4%	87.2%	86.8%	85.6%	10.9%	10.8%	11.9%	9.6%	10.6%	9.9%	4.3%	4.3%	4.7%	3.2%	2.7%	4.5%
Montana	80.9%	81.2%	80.6%	79.0%	78.2%	79.8%	12.0%	12.0%	11.1%	11.7%	16.4%	12.5%	7.1%	6.8%	8.3%	9.3%	5.5%	7.7%
N. Dakota	81.1%	81.8%	75.3%	75.1%	80.6%	79.6%	11.8%	11.6%	15.7%	13.0%	14.6%	13.9%	7.1%	6.6%	9.0%	11.9%	4.9%	6.6%
S. Dakota	79.2%	78.6%	80.7%	82.1%	79.2%	75.3%	13.0%	13.5%	18.1%	10.3%	9.4%	15.1%	7.9%	7.9%	1.2%	7.6%	11.5%	9.6%
Utah	84.1%	84.2%	77.5%	82.3%	85.5%	82.6%	9.5%	9.4%	15.4%	10.6%	8.7%	10.5%	6.4%	6.4%	7.1%	7.1%	5.9%	6.8%
Wyoming	81.7%	81.6%	87.8%	82.4%	83.6%	83.7%	11.8%	11.9%	12.2%	10.2%	9.8%	10.6%	6.6%	6.6%	0.0%	7.4%	6.6%	5.8%
Region VIII	83.5%	83.6%	82.5%	80.9%	85.5%	84.6%	10.8%	10.7%	12.5%	11.0%	10.1%	10.2%	5.7%	5.7%	5.0%	8.1%	4.4%	5.2%
US Total	79.3%	79.4%	78.3%	81.9%	81.4%	80.0%	13.1%	12.9%	14.0%	11.0%	12.8%	12.0%	7.6%	7.7%	7.7%	7.0%	5.8%	8.1%
Region:US	1.05	1.05	1.05	0.99	1.05	1.06	0.83	0.83	0.90	1.00	0.79	0.85	0.75	0.74	0.64	1.15	0.76	0.64

Females of Hispanic origin may be of any race.
Source: NCHS, *1996 Natality Detail File*

7.2.7 Births to Unmarried Women

Births to unmarried women are displayed in Table 7.12 as a percentage of total births to women of the same race. In 1996, all women in the region, White women, and Black women were unmarried at rates 29, 21, and 21 percent less than the national average for comparable groups, respectively. Asian/Pacific Islander women were unmarried at a rate eight percent less than all Asian/Pacific Islander women in the nation, and Hispanic women in the region were unmarried at a three percent lower rate. Only American Indian women exceeded the national average, and by 15 percent.

TABLE 7.12: BIRTHS TO UNMARRIED WOMEN BY RACE AND ETHNICITY: 1996

	All Women	White	Black	American Indian	Asian/Pac Islander	Hispanic
Colorado	24.8%	23.2%	58.1%	50.3%	15.6%	40.5%
Montana	27.9%	22.9%	42.1%	67.5%	13.6%	35.6%
N. Dakota	25.1%	20.6%	24.7%	71.9%	8.7%	33.6%
S. Dakota	29.5%	21.2%	30.1%	73.9%	20.8%	40.4%
Utah	16.2%	15.3%	48.1%	58.2%	15.1%	36.0%
Wyoming	27.0%	25.6%	44.9%	65.7%	16.1%	41.5%
Region VIII	22.8%	20.4%	55.0%	67.0%	15.3%	39.4%
US Total	32.4%	25.7%	69.8%	58.0%	16.7%	40.7%
Region:US	0.71	0.79	0.79	1.15	0.92	0.97

Females of Hispanic origin may be of any race.
Source: NCHS, *1996 Natality Detail File*

Despite the better than expected percentages of married mothers, Hispanic, Black, and American Indian women were unmarried two, three, and four times as often as Asian/Pacific Islander women; who had the lowest rate of births to unmarried women in the region as well as across the nation. White women and all women in the region were unmarried when giving birth about 33 and 50 percent as often as Asian/Pacific Islander women; and, even more substantially across the nation.

7.2.8 Birth Interval

Another factor contributing to the health of the newborn is the interval between pregnancies. Although this precise information is not available, 'births within two years of a prior birth' is. This information is provided by race in Table 7.13. All states within the region have higher percentages than the national values. Black and American Indian women show the highest percentages in the region, and along with Asian/Pacific Islander women, are 20 percent higher than the national values. However, caution should be taken with these percentages in that they represent quite small numbers of births.

TABLE 7.13: BIRTHS WITHIN TWO YEARS OF PRIOR BIRTH BY RACE AND ETHNICITY: 1996

	All Women	White	Black	American Indian	Asian/Pac Islander	Hispanic
Colorado	26.0%	24.8%	33.3%	23.5%	100.0%	15.4%
Montana	26.4%	25.5%	0.0%	50.0%	0.0%	0.0%
N. Dakota	23.4%	22.5%	36.7%	29.7%	20.4%	32.9%
S. Dakota	25.7%	23.2%	36.2%	36.6%	21.7%	34.1%
Utah	24.8%	24.5%	28.3%	31.7%	32.8%	28.5%
Wyoming	23.1%	22.9%	40.9%	24.0%	20.0%	22.0%
Region VIII	24.6%	23.9%	32.7%	33.3%	30.8%	28.0%
US Total	23.9%	23.0%	27.2%	27.8%	25.5%	24.8%
Region:US	1.03	1.04	1.20	1.20	1.21	1.13

Females of Hispanic origin may be of any race.
Source: NCHS, *1996 Natality Detail File*

7.2.9 Multiple Births

Another factor considered is multiple births. Table 7.14 displays the finding for the region and the nation. First, the high rates for Black women in North and South Dakota represent only eight and six births, respectively, and the high rate in Wyoming for Asian/Pacific Islander births results from only three such births. However, the region does appear to be at, or above the national rate in all cases. And, despite the relatively small number of multiple Black births in the

region, the rate is above the national value. The actual number of Black multiple births is 123, which, while small, are more than for American Indian and Asian/Pacific Islander women (which are 104 and 63, respectively).

TABLE 7.14: MULTIPLE BIRTH RATES BY RACE AND ETHNICITY: 1996

	Total Women	White	Black	American Indian	Asian/Pac Islander	Hispanic
Colorado	31.0	31.4	36.9	10.2	17.8	17.6
Montana	24.2	24.5	0.0	23.2	18.2	26.8
N. Dakota	32.3	31.9	89.9	30.6	29.1	0.0
S. Dakota	29.9	31.4	72.3	20.2	20.8	13.7
Utah	25.4	25.4	43.2	19.0	21.2	26.6
Wyoming	27.0	27.7	0.0	9.3	48.4	28.7
Region VIII	28.5	28.8	38.9	20.7	20.2	20.0
US Total	27.4	27.5	29.8	21.4	18.7	19.1
Region:US	1.04	1.05	1.31	0.97	1.08	1.04

Multiple births per 1,000 total births.
Females of Hispanic origin may be of any race.
Source: NCHS, *1996 Natality Detail File*

7.2.10 Abnormal Conditions of the Newborn

Abnormal birth conditions in the region vary considerably according to the specific condition. Table 7.15 presents the rates of selected conditions (per 1,000 births). In most cases the numbers are small. For example, there were 140 cases of anemia reported, about 200 cases each of heart and other circulatory problems, and 87 cases of Down's syndrome. The region is at, or above the national rates in almost all of these problem areas.

Looking at the individual states, Utah had essentially double the national rate for birth injuries, and for both heart and other circulatory problems, and in substantial numbers—261 injuries, 113 heart and 97 other circulatory problems. North Dakota also exhibits a high injury rate, and had 43 such occurrences. Montana had a high rate of other circulatory problems, and had 19 such births.

TABLE 7.15: RATES OF ABNORMAL BIRTH CONDITIONS: 1996

	Anemia	Injury	Assisted Ventilation <30 min.	Assisted Ventilation >30 min.	Heart Conditions	Other Circulatory	Down's
Colorado	0.68	1.06	29.91	14.64	0.75	1.04	0.45
Montana	1.94	1.01	11.34	15.30	0.65	1.47	1.01
N. Dakota	1.68	5.18	11.07	13.96	1.32	1.20	0.96
S. Dakota	1.34	2.51	18.63	8.69	1.43	1.34	0.57
Utah	1.12	6.22	16.91	13.62	2.70	2.31	0.74
Wyoming	0.95	3.86	8.75	12.89	1.11	3.02	0.95
Region VIII	1.05	3.18	21.27	13.78	1.46	1.60	0.65
US Total	1.11	3.15	20.87	8.67	1.16	1.37	0.44
Region:US	0.94	1.01	1.02	1.59	1.26	1.17	1.48

Note: All rates are per 1,000 births
Source: NCHS, *1996 Natality Detail File*

8.0

INDICATORS OF MATERNAL HEALTH IN REGION VIII

The indicators of maternal health are highly interrelated with the information presented in the previous chapter on reproductive health. Rather than repeating the details, references are made to specific tables or figures containing relevant information.

Women in Region VIII exhibited better indicators of maternal health in 1996 than did women in other parts of the country in almost all of the areas examined. Women in the region had:

- Essentially the same use of prenatal care as the rest of the country;
- A higher percentage completing high school;
- A higher percentage receiving amniocentesis;
- A higher percentage gaining at least 16 pounds of weight during pregnancy;
- A smaller percentage of women 40 years of age, or older giving birth to children; and
- Smaller percentages having anemia, cardiac diseases, lung diseases, diabetes, herpes, chronic hypertension, or using tobacco than women across the nation.

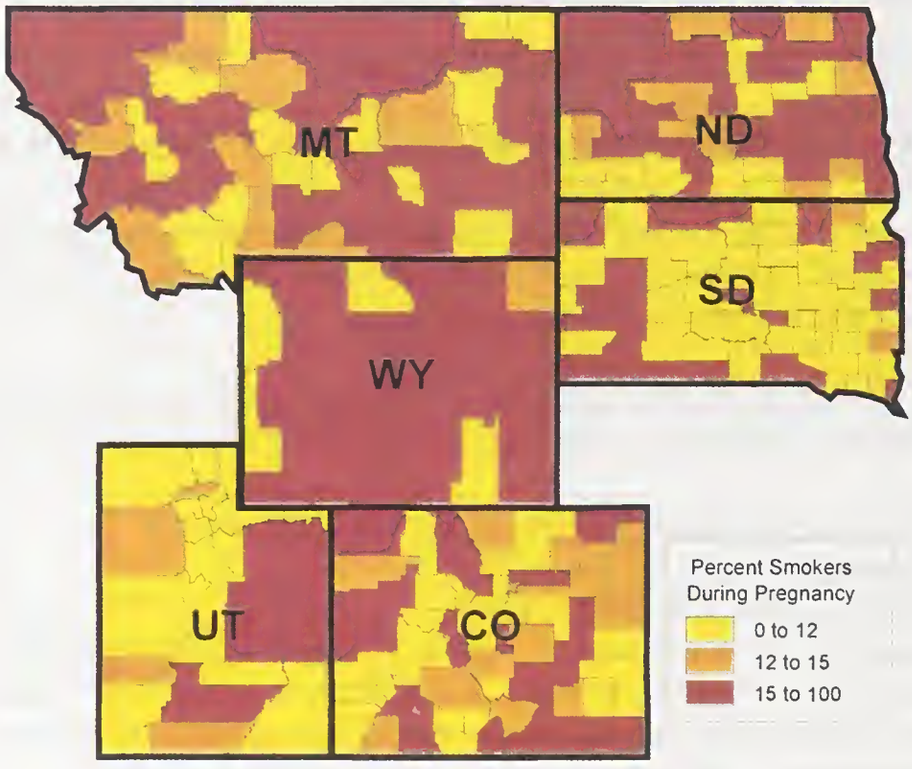
However, women in the region had:

- A higher percentage of pregnancy-related hypertension;
- A higher percentage of eclampsia; and
- A higher percentage consuming alcohol than across the nation.

It should be noted that although the regional figures are favorable when compared to the national values, two things should be considered:

1. In many cases the national values are well-above those recommended by public health practitioners; and
2. Regional, and even state values mask pockets of problem behavior/outcomes in the region--for example, while the percentage of Region VIII women using tobacco during pregnancy is below the national value, as shown on Figure 8.1, both of the concerns expressed are found.

With regard to the first concern, almost 14 percent of pregnant women used tobacco products nationwide. As described in the next chapter, a larger percentage of women of childbearing age smoke or otherwise use tobacco products. Although the percentage in Region VIII is lower than the national value, the map below shows that many counties have a much greater percentage of mothers who smoked during their pregnancies. As noted in *Healthy People 2010*, some of the consequences of smoking during pregnancy include spontaneous abortions, low birthweight births and SIDS. One of the *Healthy People 2010* objectives is to reduce tobacco use by pregnant mothers to no more than 2 percent.



Source: NCHS, *1996 Natality Detail File*

(Region = 12.8%, Nation = 13.6%)

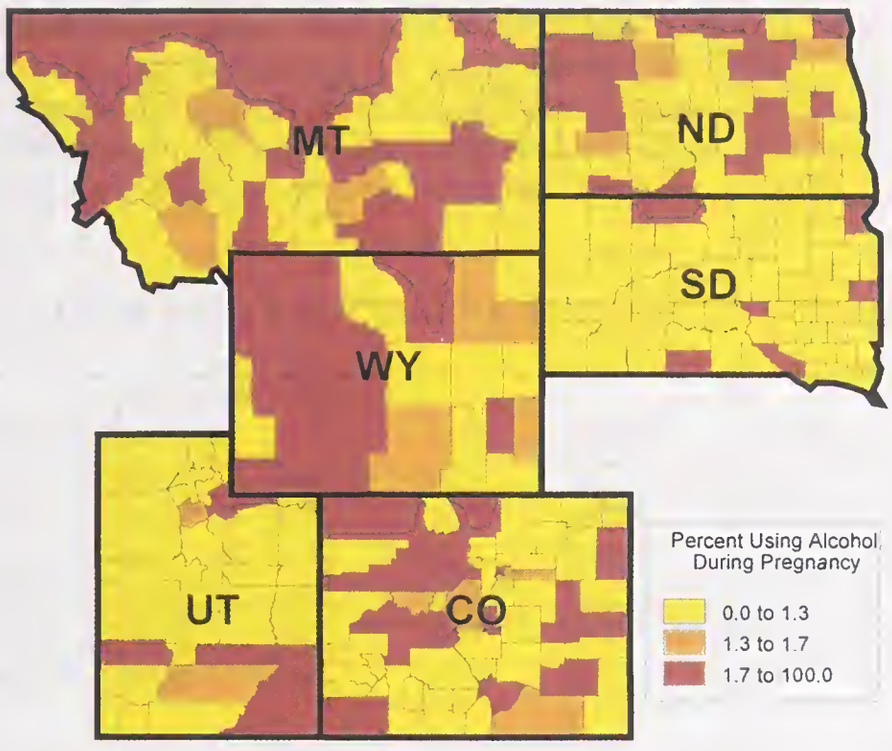
FIGURE 8.1: PERCENT OF PREGNANT WOMEN USING TOBACCO PRODUCTS[1]: 1996

The map shows that there are pockets within the region in which pregnant women smoke at two-to-six times the regional and national averages. As with earlier findings, the extremely large values occur in counties with few births, and therefore represent a small number of women (and their babies and siblings). For example, a county with one birth was to a smoking mother, yielding a rate of 100 percent. Alternatively, Glacier County, Montana had 61 births to mothers who smoked, for a rate of 37 percent, Benson County, North Dakota had 58 smoking mothers for a rate of 46 percent, and Rolette County in North Dakota with 132 births to smoking mothers had a tobacco-use rate of 44 percent. Hence, as with all data in this document, the detailed findings should be examined closely before reaching a conclusion.

Similar findings are exhibited for alcohol consumption during pregnancy. In this case, the region is seen to have a consumption rate 15 percent higher than the national value. Figure 8.2 presents the percentage of women consuming alcohol by county. The usage rates in the case of alcohol are much smaller than was found for tobacco usage.

With reference to Figure 8.2, high consumption rates are found in the north and western portions of Montana, all across North Dakota and Wyoming, and in the central portion of Colorado. Utah and South Dakota[1] are found to have lower consumption rates.

[1] South Dakota does not require reporting of tobacco use or alcohol consumption on the birth certificate; therefore, numbers are underreported and should be used with this consideration in mind.



Source: NCHS, *1996 Natality Detail File*

(Region = 1.6%, Nation = 1.4%)

FIGURE 8.2: PERCENT OF PREGNANT WOMEN CONSUMING ALCOHOL[2]: 1996

The remainder of the chapter presents the details of the findings concerning maternal health. Appendices C and D present the full details of the state and county-level findings, to the extent that they are meaningful and reportable.

8.1 CHARACTERISTICS OF PREGNANT WOMEN IN REGION VIII

Pregnant women in Region VIII had reasonably good health status when compared to all pregnant women in the country. As was discussed in the previous chapter, they completed their families at a younger age. And, as is shown in Table 8.1, had slightly fewer children after reaching the age of 40. The table shows that this finding is consistent across all racial categories, and that the percent of American Indian, Asian/Pacific Islander, and Hispanic women giving birth after the age of 40 was between 25 and 30 percent lower than women across the nation. Further, this finding confirms the race-specific characteristics displayed in the previous chapter on reproductive health.

[2] As noted, South Dakota does not require reporting of tobacco use or alcohol consumption on the birth certificate; therefore, numbers are likely to be underreported and should be used with this consideration in mind.

Table 7.9, in the previous chapter, showed that both White and Black women had fewer children in the under 15 years-of-age category, the 15 to 16, and the 17 to 19 years-of-age categories. They also had a higher percentage of total births in the 40-plus age grouping than the other groups. American Indian women had percentages of births in each of the age categories essentially equal to the national averages, and therefore show slightly smaller percentages in the 40-plus category. Finally, both Asian/Pacific Islander and Hispanic women exhibited higher percentages of births in the teen categories, and show lower percentages in 40-plus age group.

TABLE 8.1: PERCENT OF BIRTHS TO WOMEN 40 YEARS AND OLDER: 1996

	All Women	White	Black	American Indian	Asian/Pac Islander	Hispanic
Colorado	2.3%	2.4%	1.3%	1.0%	2.4%	1.1%
Montana	2.1%	2.2%	2.6%	1.2%	3.6%	2.7%
N. Dakota	1.3%	1.3%	1.1%	0.7%	2.9%	0.0%
S. Dakota	1.5%	1.6%	0.0%	0.8%	1.0%	0.7%
Utah	1.4%	1.4%	1.5%	1.1%	2.3%	1.0%
Wyoming	1.6%	1.6%	2.0%	2.8%	3.2%	0.6%
Region VIII	1.8%	1.9%	1.3%	1.0%	2.4%	1.1%
US Total	1.9%	2.0%	1.4%	1.4%	3.3%	1.5%
Region:US	0.96	0.96	0.92	0.71	0.73	0.75

Persons of Hispanic origin may be of any race and are also included in the appropriate race category.
Source: NCHS, *1996 Natality Detail File*

Women giving birth in the region (in 1996) tended to be better educated than women giving birth nationwide. As shown in Table 8.2, fewer total women, and White, Black, and Hispanic women have not completed high school in Region VIII than women giving birth across the nation, Asian/Pacific Islander women are essentially at the national percentage, and American Indian women have lower achievements. Despite these general comparisons to national, race-specific values, American Indian women were twice as likely not to have completed high school than White and Asian/Pacific Islander women when they give birth, and Hispanic women were three times as likely not to have completed high school. The very low percentage for Asian/Pacific Islander women in Wyoming results from the fact that 57 of the 60 Asian/Pacific Islander women giving birth did not respond to the question about completing high school, and of the three responding, all reported that they had not completed high school.

TABLE 8.2: PERCENT OF WOMEN GIVING BIRTH NOT COMPLETING HIGH SCHOOL BY RACE AND ETHNICITY: 1996

	All Women	White	Black	American Indian	Asian/Pac Islander	Hispanic
Colorado	16.8%	16.7%	16.9%	30.5%	14.1%	45.5%
Montana	12.8%	10.5%	13.9%	31.3%	13.8%	26.6%
N. Dakota	8.0%	5.5%	15.3%	30.8%	15.8%	32.8%
S. Dakota	13.9%	9.0%	42.0%	38.9%	17.2%	35.2%
Utah	13.1%	12.7%	25.2%	27.5%	14.5%	48.6%
Wyoming	13.7%	13.2%	19.1%	31.0%	5.0%	31.8%
Region VIII	14.4%	13.5%	18.5%	33.1%	14.2%	45.3%
US Total	20.4%	20.0%	23.8%	29.8%	14.1%	49.5%
Region:US	0.70	0.67	0.77	1.11	1.01	0.91

Mothers completing less than 12 years of education, adjusted for age—i.e., excludes females under 17 years.
Females of Hispanic origin may be of any race.
Source: NCHS, *1996 Natality Detail File*

8.2 BEHAVIOR OF PREGNANT WOMEN

The health conditions and behaviors of pregnant women are examined next. Table 8.3 displays the percent of women stating that they had the specified medical risk factors presented in the table when they gave birth. The table also shows the state-level data on tobacco and alcohol usage that was presented in the county level map, above. The risk factors are: anemia, cardiac disease, acute or chronic lung disease, diabetes, genital herpes, chronic hypertension, pregnancy-associated hypertension, and eclampsia. Women in the region fared well in the first six categories of medical risk factors and were only slightly higher in the latter two categories of illnesses. In the tobacco and alcohol usage areas, the issues are less clear cut.

Women in North Dakota and Wyoming had low percentages of anemia while women in Utah had high percentages. Women in Utah also had higher percentages of cardiac disease and much higher percentages of lung disease than did other women in the region. Montana women had higher percentages of herpes. Women in North Dakota had almost twice the percentage of chronic hypertension, and women in Utah and Wyoming had higher percentages of eclampsia than did other women in the region and the nation. Women in all states had percentages of pregnancy-related hypertension equal to or higher than all women in the country.

TABLE 8.3: MEDICAL RISK FACTORS, TOBACCO USE AND ALCOHOL CONSUMPTION REPORTED BY WOMEN GIVING BIRTH[3]: 1996

	Mothers Had The Following Risk Factors								Mothers Used	
	Anemia	Cardiac	Lung	Diabetes	Herpes	Hyper C	Hyper P	Eclampsia	Tobacco	Alcohol
Colorado	1.6%	0.2%	0.4%	1.8%	0.9%	0.4%	3.6%	0.4%	12.6%	1.8%
Montana	1.0%	0.2%	0.2%	2.5%	1.2%	0.6%	4.8%	0.3%	18.0%	2.6%
N. Dakota	0.8%	0.4%	0.5%	2.7%	0.5%	0.8%	3.6%	0.2%	18.4%	1.6%
S. Dakota	1.5%	0.1%	0.2%	2.4%	0.3%	0.6%	4.1%	0.4%	19.7%	2.5%
Utah	2.4%	0.6%	1.5%	2.1%	0.8%	0.4%	4.2%	0.5%	9.3%	1.1%
Wyoming	0.8%	0.3%	0.4%	1.8%	0.7%	0.6%	3.6%	0.5%	20.5%	2.0%
Region VIII	1.7%	0.3%	0.7%	2.0%	0.8%	0.5%	3.9%	0.4%	12.8%	1.6%
US Total	2.0%	0.5%	0.8%	2.6%	0.9%	0.7%	3.6%	0.4%	13.6%	1.4%
Region:US	0.86	0.61	0.86	0.77	0.92	0.69	1.10	1.13	0.94	1.16

Hyper C is Chronic Hypertension, Hyper P is Pregnancy-related hypertension.
Source: NCHS, *1996 Natality Detail File*

As noted above, the *Healthy People 2010* objective is to reduce smoking by pregnant mothers to no more than 2 percent. While earlier discussions focused on tobacco and alcohol consumption, the state-level data provide the following summary information:

- A high percentage of pregnant women in South Dakota and Wyoming used tobacco products;
- Women in North Dakota, and Montana also used tobacco at a high rate;
- Women in Colorado used tobacco at a rate similar to the national average; and
- Women in Utah used tobacco at about two-thirds the rate of women across the nation.

Alcohol consumption is seen to be consistently high across the states in the region. With the exception of Utah, alcohol consumption among women in Region VIII is much higher than the national average. The usage tabulation presents a distorted view of South Dakota—that is, indicating a high consumption percentage. The large state value of 2.5 percent is a result of a small number of reported occurrences (i.e., only 560 women giving birth out of more than 10,000 births responded to the question about alcohol usage in the entire state). Montana is seen as having a usage rate nearly double the US average.

Table 8.4 displays the percentage of women gaining fewer than 16 pounds across the full term of their pregnancies. These values have been adjusted for gestation period—that is, women with gestation periods of less than 37 weeks have been excluded from this computation.

[3] As noted, South Dakota does not require reporting of tobacco use or alcohol consumption on the birth certificate; therefore, numbers are likely to be underreported and should be used with this consideration in mind.

Inadequate weight gain by mothers has been associated with low birthweight births in newborns. Although guidelines for weight gain published by the National Academy of Sciences vary according to body mass index, the limitation of vital statistics data do not permit examining data this way. However, NCHS and other sources generally consider inadequate weight gain to be less than 16 pounds.

Weight gain in the region was better than across the nation in all racial categories. However, there are differences by race, within the region. Asian/Pacific Islander women were about half as likely to gain fewer than 16 pounds during their pregnancies than American Indian women. Black and Hispanic women in Wyoming, and American Indian women in South Dakota display high percentages of women gaining fewer than 16 pounds.

TABLE 8.4: PERCENT OF WOMEN GAINING LESS THAN 16 POUNDS DURING PREGNANCY BY RACE AND ETHNICITY: 1996

	All Women	White	Black	American Indian	Asian/Pac Islander	Hispanic
Colorado	7.5%	7.4%	10.5%	11.5%	6.8%	12.0%
Montana	7.9%	7.6%	6.3%	10.6%	10.5%	5.3%
N. Dakota	9.3%	9.1%	11.0%	10.6%	9.6%	12.4%
S. Dakota	10.5%	9.4%	11.8%	17.2%	10.3%	12.3%
Utah	9.3%	9.3%	11.7%	12.7%	7.0%	11.5%
Wyoming	10.5%	10.3%	18.6%	15.4%	7.5%	16.0%
Region VIII	8.6%	8.4%	10.7%	13.3%	7.2%	11.9%
US Total	10.3%	9.4%	15.1%	14.3%	8.5%	12.6%
Region:US	0.84	0.90	0.71	0.93	0.85	0.94

Adjusted for gestation period—i.e., excludes preterm births.
Females of Hispanic origin may be of any race.
Source: NCHS, *1996 Natality Detail File*

Given these various characteristics of pregnancies in the region, it is of interest to examine the rate at which women seek prenatal medical care. These data are presented in Table 8.5. Women in the region appear to initiate prenatal care at approximately the same time in their pregnancies as do women of the same racial groups across the nation. As in other indicators, there are noticeable differences among the race and ethnic groups.

White women seek care during the first trimester at the highest rate, followed by Asian/Pacific Islander, Black, Hispanic, and American Indian women. A higher percentage of American Indian, Asian/Pacific Islander and Hispanic women had late or no prenatal care than the national percentages for those racial/ethnic categories, while White women were essentially the same as the national percentage and Black women were below the national value. *The Healthy People*

2010 objective is to increase prenatal care initiated in the first trimester to greater than 90 percent.

TABLE 8.5: INITIATION OF PRENATAL CARE BY RACE AND ETHNICITY: 1996

	Prenatal Care Initiated in the 1st Trimester						Late, or No Prenatal Care					
	All	White	Black	AI	A/PI	Hispanic	All	White	Black	AI	A/PI	Hispanic
Colorado	81.4%	81.9%	75.5%	71.2%	78.4%	66.8%	4.5%	4.3%	6.5%	7.9%	4.8%	8.8%
Montana	82.7%	84.4%	81.6%	69.4%	76.4%	73.9%	3.2%	2.5%	7.9%	8.4%	1.8%	5.8%
N. Dakota	84.7%	86.3%	78.7%	70.5%	73.8%	71.5%	2.0%	1.4%	3.4%	7.8%	1.9%	4.4%
S. Dakota	81.7%	85.5%	63.9%	63.1%	72.3%	71.3%	3.5%	2.0%	8.4%	10.9%	8.5%	4.9%
Utah	83.8%	84.7%	64.5%	57.7%	70.9%	64.9%	3.3%	3.0%	7.2%	13.2%	8.3%	8.5%
Wyoming	81.9%	82.5%	64.6%	66.5%	87.1%	69.3%	3.7%	3.5%	12.5%	8.0%	1.6%	6.3%
Region VIII	82.5%	83.6%	74.1%	66.2%	75.3%	66.7%	3.7%	3.4%	6.6%	9.6%	6.0%	8.5%
US Total	81.9%	84.0%	71.4%	67.7%	81.2%	72.2%	4.0%	3.3%	7.3%	8.6%	3.9%	6.7%
Ratio	1.01	0.99	1.04	0.98	0.93	0.92	0.94	1.02	0.90	1.13	1.54	1.28

Females of Hispanic origin may be of any race.
Source: NCHS, *1996 Natality Detail File*

8.3 COMPLICATIONS OF LABOR AND/OR DELIVERY BY RACE AND ETHNICITY

Table 8.6 presents a summary of complications of labor and/or delivery, by race. The table shows an overall complication rate, which is defined as occurrences per 1,000 live births. Fifteen reportable complications were combined in the single rate, most of which occur in quite small numbers. The three highest incidences were for moderate/heavy meconium (occurring at a rate of 58 per 1,000 live births across the nation), fetal distress (42 per 1,000 live births), and breech/malpresentation (which occurred 38 times per 1,000 live births). All complications are presented in Appendix B.

It is important to note that all races exceeded the national rates, with the exception of births to Black women. The high complication rates can not be dismissed because of small numbers of occurrences. For example, in Utah, where the rates are high in all categories, the number of complications, by racial/ethnic group are as follows:

- 19,839 White
- 347 American Indian
- 592 Asian/Pacific Islander, and
- 2,220 Hispanic.

In all of Utah's racial groups and in North Dakota Black births, complications occurred in almost one-half of the births. This is an area that should be examined in more depth in the future.

TABLE 8.6: OVERALL BIRTH COMPLICATION RATES PER 1,000 BIRTHS BY RACE AND ETHNICITY: 1996

	All Women	White	Black	American Indian	Asian/Pac Islander	Hispanic
Colorado	294.9	294.6	321.3	293.5	259.2	327.0
Montana	349.1	344.1	342.1	385.8	381.8	359.1
N. Dakota	309.8	297.1	528.1	398.1	388.3	306.6
S. Dakota	307.6	309.5	373.5	293.2	333.3	321.9
Utah	497.4	496.5	481.5	549.9	503.0	562.9
Wyoming	306.4	301.6	469.4	388.9	354.8	305.9
Region VIII	365.4	365.8	347.5	367.5	363.9	380.1
US Total	326.5	322.7	347.6	358.9	313.8	278.2
Region:US	1.12	1.13	1.00	1.02	1.16	1.37

Denominators for the rate calculations are total births.
Females of Hispanic origin may be of any race.
Source: NCHS, *1996 Natality Detail File*

8.4 MATERNAL DEATHS

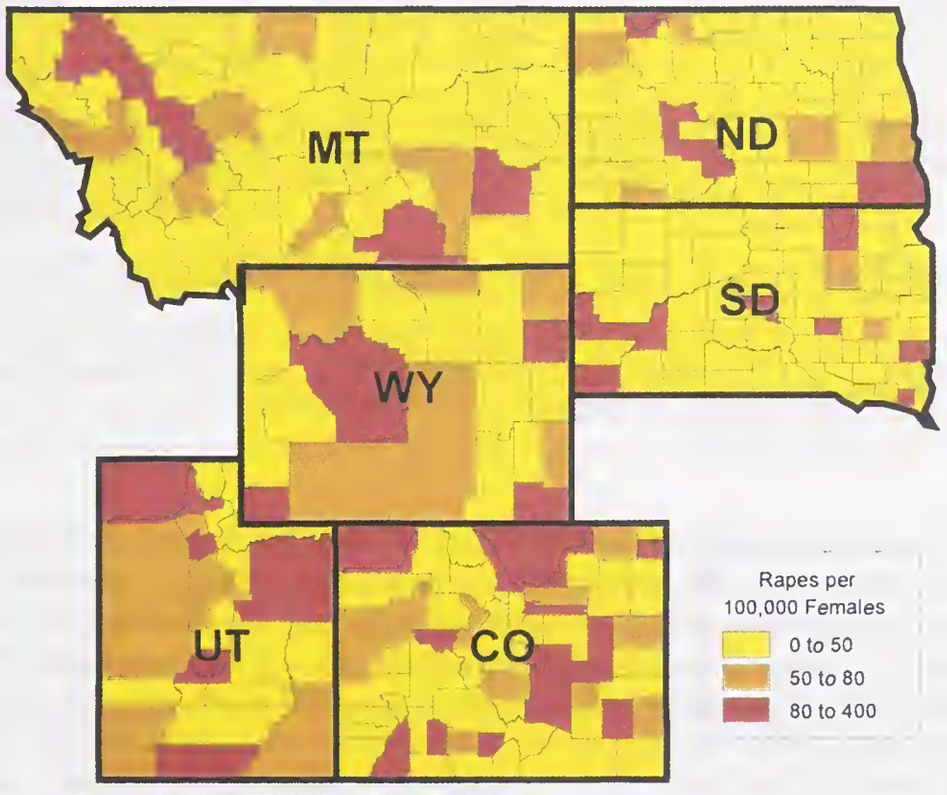
Fortunately, maternal deaths are rare occurrences in the region and across the nation. Nationally, the rate of maternal deaths in 1996 was 2.6 per 10,000 births; and, in Region VIII the maternal death rate was 3.4 per 10,000 births. While the difference between the two rates is almost 32 percent, it must be noted that the total number of maternal deaths in the region, in 1996, was 10. As such, the same caution should be applied to these values as is suggested when dealing with many of the extremely small numbers found in this report. For example, one fewer maternal death in the region would cause the difference between the regional and national rates to essentially be cut in half.

9.0

INDICATORS OF VIOLENCE AND ABUSE IN REGION VIII

It is difficult to obtain data that permit a comprehensive assessment of violence and abuse directed at women; especially at a sub-state level, on a repeatable and consistent basis. Some of the data issues are presented in this chapter as well as in the methods discussion provided in Appendix B. Despite the inconsistencies in the data, the emerging pattern is one of substantial violence directed at women in the region, at least in terms of rapes. Unfortunately, little gender-specific data are available at the national level that would permit comparisons among the counties, states, regions, and the nation as a whole. As a result, there are no data that enable a closer examination of robberies and assaults perpetrated against women. However, the FBI collects gender-specific data on homicides and rapes. The FBI also collects data on a number of felonious actions, in general, which permit a depiction of the overall crime rate in each jurisdiction.

Perhaps the most clear-cut indicator of violence against women is rape. Presented in Figure 9.1 is a map displaying the number of rapes per 100,000 females in the region.



Source: FBI, *1996 FBI Uniform Crime Statistics*
US Bureau of the Census, *Estimates of the Population of Counties by Age, Sex, Race and Hispanic Origin: 1990 to 1996.*

(Region = 75.5, Nation = 58.7)

FIGURE 9.1: NUMBER OF RAPES PER 100,000 WOMEN IN REGION VIII: 1996

The data accompanying the figure show that the region has a rate 25 percent higher than the national value. Also, the figure indicates that the rates are particularly high in Colorado and Utah. The details of this information are discussed below.

9.1 GENERAL CRIME ENVIRONMENT IN REGION VIII

In 1996, Region VIII had fewer murders, robberies, and assaults per total population than the nation as a whole. As shown in Table 9.1, the total number of murders per 100,000 people is less than half the national average (i.e., 47%), and the rate of assaults is slightly more than half the national rate (51%). Also, the rate of robberies is less than one-third the national average (31%). This indicates that the region has commendable crime statistics, and bodes well for the population in the region. However, the per-capita number of rapes is 13 percent above the national rate, and when considered in terms of only the female population, the differences are much higher as was shown on Figure 9.1.

TABLE 9.1: OVERALL CRIME STATISTICS IN REGION VIII: 1996

	FBI Uniform Crime Statistics*					Rates**			
	Population	Murder	Rape	Robbery	Assault	Murder	Rape	Robbery	Assault
Colorado	3,698,115	176	1,703	3,625	9,431	4.8	46.1	98.0	255.0
Montana	765,191	29	202	227	875	3.8	26.4	29.7	114.4
N. Dakota	606,705	10	136	63	283	1.6	22.4	10.4	46.6
S. Dakota	588,007	6	248	132	763	1.0	42.2	22.4	129.8
Utah	1,955,037	62	818	1,322	4,054	3.2	41.8	67.6	207.4
Wyoming	479,236	18	142	94	958	3.8	29.6	19.6	199.9
Region VIII	8,092,291	301	3,249	5,463	16,364	3.7	40.2	67.5	202.2
US Total	229,833,627	17,915	81,759	501,987	908,280	7.8	35.6	218.4	395.2

* - Total population from FBI data was used to keep numbers internally consistent
** - All rates are per 100,000 total population
Source: FBI, *1996 FBI Uniform Crime Statistics*

Colorado is seen as having a higher murder rate than other states in the region, and both North and South Dakota are about one-half the regional rate and about one-fifth the national rate for per-capita murders. Colorado is also higher than the regional rate for robberies and assaults; however, in both cases, the rates are substantially lower than the national averages. North and South Dakota are also well below the regional rates for robberies, and North Dakota has a very low rate of reported assaults.

Unfortunately, no gender-specific data are available for robbery or assaults. Therefore, it is not possible to determine if women were disproportionately targeted for these crimes.

The population data used in Table 9.1 were provided with the FBI statistics and were used for consistency. The table only includes population for counties reporting data and includes only total population—that is, males and females. Developing rates using Census population data provide a slightly different perspective. Table 9.2 displays these data.

TABLE 9.2: REGION VIII CRIME STATISTICS USING CENSUS DATA: 1996

	Census Population		FBI Data				Rates*			
	Total	Female	Murder	Rape	Robbery	Assault	Murder	Rape	Robbery	Assault
Colorado	3,822,676	1,926,408	176	1,703	3,625	9,431	4.6	88.4	94.8	246.7
Montana	879,372	441,261	29	202	227	875	3.3	45.8	25.8	99.5
N. Dakota	643,539	322,131	10	136	63	283	1.6	42.2	9.8	44.0
S. Dakota	732,405	371,331	6	248	132	763	0.8	66.8	18.0	104.2
Utah	2,000,494	1,003,856	62	818	1,322	4,054	3.1	81.5	66.1	202.6
Wyoming	481,400	239,025	18	142	94	958	3.7	59.4	19.5	199.0
Region VIII	8,559,886	4,304,012	301	3,249	5,463	16,364	3.5	75.5	63.8	191.2
US Total	265,283,783	135,473,568	17,915	81,759	501,987	908,280	6.8	60.4	189.2	342.4

* Murder, robbery and assault rates are per 100,000 total population, rape rates are per 100,000 females

Source: FBI, *1996 FBI Uniform Crime Statistics;* Bureau of the Census, *Estimates of the Population of Counties by Age, Sex, and Race/Hispanic Origin: 1990-1996*

By applying the Census population data, the rates decrease slightly, as would be expected when using larger denominators. However, the differences between the regional and national values actually increase in each area.

For example, the regional murder rate goes from 47.7 percent of the national value to 52.1 percent—or, the difference narrows. The differences between the regional and national rates for robbery and assault narrow as well: robbery goes from 30.9 percent of the national value to 33.7 percent, and assault goes from 51.2 percent to 55.8 percent. Although the differences narrow, the region remains substantially below the national rates.

However, the change is most dramatic when using female population as the base for computing the incidence of rape per 100,000. The regional rates go from 40.2 to 75.5 per 100,000 and the national rates go from 35.6 to 60.4 per 100,000. As a result, the difference between the regional and national values increases from a 12.9 percent difference to a 25 percent difference. While these numbers are provided as the best indicators available, caution must be used when interpreting them since a proportion of the population may not be represented in the data due to under-reporting. (Additional information on this topic is provided in the discussion of female homicides, which follows.).

9.2 MURDER OF WOMEN IN REGION VIII

In 1996, female homicides in the region are found to have occurred at a rate lower than the national averages. These data are provided in Table 9.3, below. Among the more important findings are:

- The regional female homicide rate is lower than the national value by almost 30 percent (27.6%); and
- The female victims knew the murderers in almost three-quarters of the cases in the region while nationally, the percentage was 85 percent.

As noted on the table, data for this presentation was calculated from a separate database maintained by the FBI—the *Supplementary Homicide Report*. Crimes included in the file are homicide and non-negligent manslaughter, both of which are incorporated in the numbers in the table.

TABLE 9.3: FEMALE HOMICIDES IN REGION VIII: 1996

	FBI Supplementary Homicide Report Female Homicide Data					Total Homicide	Victim Knew	Percent That Knew
	Total	White	Black	AI	A/PI	Rate	Offender	Offender**
Colorado	48	42	3	2	0	2.49	33	68.8%
Montana*	29	---	---	---	---	6.57	---	-----
N. Dakota	4	3	0	1	0	1.24	3	75.0%
S. Dakota	2	1	0	1	0	0.54	2	100.0%
Utah	23	20	0	1	1	2.29	17	73.9%
Wyoming	8	8	0	0	0	3.35	6	75.0%
Region VIII	114	74	3	5	1	2.65	61	71.8%
US Total***	4,964	3,028	1,936	---	---	3.66	---	85%

* The FBI database did not contain data for Montana; these data were obtained directly from the US Department of Justice office in Helena, Montana. Data were not available by race, hence, only totals provided.

** Data not available for Montana, hence, the region values exclude Montana.

*** Data obtained from Table 341 of the *1998 Statistical Abstract*, which, in turn, was from FBI data. Percent that knew offender from *Healthy People 2010* for 1995.

Source: FBI, *1996 FBI Supplementary Homicide Report*

The occurrences provided in the FBI database and shown in the table, do not agree with the number of 'murders' reported in the NCHS mortality database. The differences are not great, region-wide—the FBI reports 114 cases of murder and negligent manslaughter while the NCHS database has 107. As shown below, the state data vary significantly between the two sources:

State	FBI data	NCHS data
Colorado	48	60
Montana	29	10
N. Dakota	4	5
S. Dakota	2	5
Utah	23	20
Wyoming	8	7
Region VIII	114	107

However, since the FBI is the agency responsible for collecting and reporting homicide data, the FBI *Supplementary Homicide Report* was used as the source for occurrences.

The murder rate in Montana is double that of any other state in the region, and exceeds the national homicide value. South Dakota has a quite small female homicide rate.

With regard to the victim knowing the offender (murderer), the percentages are very high. While this does not directly indicate domestic abuse, it does confirm the notion that women are more frequently acquainted with the offender than the subject of random or chance killings.

9.3 RAPE OF WOMEN IN REGION VIII

When coupled with the finding that the great majority of women in the region were killed by persons that they knew, the rape findings take on special significance. As shown on Table 9.2, the high rate of rapes in the region was driven primarily by the number of occurrences in Colorado and Utah. While these two states constitute 68 percent of the female population of the region, 78 percent of the rapes in the region occurred in the two states. Both of the states had rates of over 80 per 100,000 women. In fact, the rate in Colorado is almost 50 percent higher than the national average (46.5%) and the rate in Utah is 37 percent higher.

The high rate for rape stands in sharp contrast to the other crime data found for the region. Compared to national averages, the region has low rates for robbery, assault, and both female and total homicides. There is no clear pattern of high crime rates in the region.

10.0

INDICATORS OF ILLNESS PREVENTION IN REGION VIII

Health promotion/disease prevention is a major national priority. *Healthy People 2000* and the draft release of *Healthy People 2010* focus on improvement opportunities and goals for all segments of the population. However, data are not collected in enough detail (or at a small enough geographic level) to assess the current status of the population or to determine whether segments of the population are taking appropriate actions. This study was hampered by these data shortcomings.

As a result, sample survey data was obtained to present a composite picture of the areas in which the population may be falling short, and where community and national resources should be directed. Specifically, the data used in examining the at risk behavior of both young and adult women come primarily from two sources—the *Youth Risk Behavior Survey*, or YRBS, and the *Behavioral Risk Factor Surveillance System*, or BRFSS. Both surveys are conducted by the Centers for Disease Control and Prevention (CDC).

The sample sizes in the states comprising Region VIII are not sufficient for preparing estimates at the county level. As is discussed in the methods appendix, the YRBS data for Colorado and North Dakota were even insufficient for weighting the raw data at the state level. As such, the picture presented in this chapter has to be limited to the state level. Even within this limited assessment various computations have been required to obtain estimates for the region to enable assessments of state and regional performance in comparison to the entire nation.

The chapter examines the data available in the age categories covered by the surveys. The YRBS is based upon a survey of high school students and the BRFSS is based on a survey of women 18 and older.

10.1 PREVENTION INDICATORS FOR YOUNG WOMEN IN HIGH SCHOOL

It is of interest to consider a few indicators of behavior in order to get an overview of the risks taken by young adults. Table 10.1 presents six such indicators. This table presents the percentage of respondents answering questions relevant to health maintenance. Because the population of the region is over 90 percent White and because the sample sizes in the YRBS were small, attempts to analyze the data by race proved unreliable. Therefore, few of the findings can be examined by race.

The first question asked was whether the respondent routinely wears a seat belt when driving in an auto. The responses presented in the table were 'rarely or never wore seatbelts.' As can be seen, young women in the region are 49 percent less likely to wear seatbelts than did their peers across the nation. Also, teens in Montana and South Dakota were 79 percent less likely to wear seatbelts, and young women in Wyoming were 62 percent less likely to wear seatbelts. This

TABLE 10.1: GENERAL INDICATORS OF AT-RISK BEHAVIOR IN YOUNG WOMEN: 1997

	Do Not Use Auto Seat Belts	Do Not Use Bicycle Helmets	Carried A Weapon	Currently Smoke Cigarettes	Currently Use Alcohol	Not Enrolled In PE Class
Colorado	15.0	84.8	8.0	38.1	51.8	65.2
Montana	25.9	87.0	9.6	37.3	57.5	49.5
N. Dakota	--	98.3	--	46.8	62.5	43.9
S. Dakota	25.8	98.2	3.6	43.6	58.2	67.6
Utah	11.9	87.7	6.4	15.0	23.2	53.8
Wyoming	23.5	91.0	8.0	36.7	51.9	50.9
Region VIII	21.6	90.8	7.4	36.2	51.5	54.7
US Total	14.5	88.3	7.0	34.7	47.8	55.1

Percent of young women involved in at risk behavior
Source: CDC, *1997 YRBS*

despite the fact that motor vehicle accidents are the leading cause of death in 15 to 19 year old females both in the region and across the nation, and such accidents account for fully one-half of all deaths to this cohort. Specifically, the mortality rate for young women 15 to 19 years of age due to motor vehicle accidents were as shown in Table 10.2.

TABLE 10.2: DEATHS DUE TO MOTOR VEHICLE ACCIDENTS FOR WOMEN AGES 15-19: 1996

State	Number of Deaths	Mortality Rates
Colorado	34	25.7
Montana	2	5.8
N. Dakota	3	12.2
S. Dakota	6	19.9
Utah	13	12.5
Wyoming	8	39.1
Region VIII	66	19.1
Total US	1,747	19.3

Source: NCHS, *1996 Mortality Detail File*

Interestingly, with the exception of Colorado, fewer young women in Region VIII wore bicycle helmets than did their peers across the nation. The *Healthy People 2010* objectives include striving to achieve a 93 percent usage of seat belts (or no more than 7 percent not using) and at least 50 percent using bicycle helmets.

The percentage of young women carrying a weapon across the region is only slightly higher than the national average; however, the results of the survey indicate young women in Montana carry weapons at a rate 37 percent higher than the national average. With the exception of Utah, a higher percentage of young women smoke than do women across the nation, and those in North and South Dakota do so one-third more often. The data indicate that on average, 40 percent of the young women in the region smoke in high school—again, excluding Utah. This suggests that women in the region will experience a variety of debilitating and life-shortening illnesses in later life, will result in increased health care costs, and will impact the families of these women. The *Healthy People 2010* target is to reduce the number of young people in grades 9 to 12 who have used tobacco products in the past month to 21 percent.

Current alcohol consumption also is high in the region. Again, with the exception of Utah, all states are above the national average, and according to the survey, teenage females in North Dakota consume alcohol 30 percent more than do young women across the nation.

The final risk factor considered finds only a minor difference in participation in physical education between the region and the nation. As can be seen, over two-thirds of the women in Colorado and South Dakota do not participate in such activities. The *Healthy People 2010* target is to increase to at least 50 percent the proportion of young people in grades 9 to 12 who participate in daily school physical education.

In order to look more closely at particularly at-risk behaviors, the following table presents the percentage of young women beginning specific behaviors before the age of 13. The data in Table 10.3 suggest both a regional and national problem of significance: over 20 percent of the respondents acknowledged that they began smoking and drinking alcohol in their pre-teen years. A larger percentage of pre-teens in Colorado and Wyoming began smoking and drinking alcohol than did pre-teens region-wide, pre-teens in Montana began drinking earlier, Colorado pre-teens initiated marijuana use at a higher percentage, and cocaine usage of pre-teens in North Dakota and Wyoming was at a rate nearly double the national average.

TABLE 10.3: FEMALES INITIATING AT-RISK BEHAVIOR BEFORE AGE 13: 1997

	At-Risk Behavior			
	Cigarettes	Alcohol	Marijuana	Cocaine
Colorado	25.0	30.0	10.7	1.0
Montana	21.6	31.6	6.6	0.9
N. Dakota	--	23.0	3.5	1.5
S. Dakota	21.8	25.6	3.8	0.4
Utah	9.2	14.0	4.3	1.1
Wyoming	25.9	32.9	6.6	1.5
Region VIII	21.2	27.2	6.0	1.1
US Total	20.9	25.7	6.7	0.8

Percentage responding positively to questions
Source: CDC, *1997 YRBS*

Among the other behaviors questioned in the YRBS was the onset and sexual activities of the young women. Table 10.4 summarizes the findings. While the percentages are high in all categories, young women in the region and in the states responding, appear to begin sexually activity later, use birth control more often, and become pregnant less frequently than comparable young women across the nation.

TABLE 10.4: SUMMARY OF SEXUAL BEHAVIOR OF YOUNG WOMEN: 1997

	Initiated Sex Before Age 13	Used Birth Control Last Sex	Ever Been Pregnant
Colorado	3.1	16.5	6.1
Montana	4.1	27.6	5.3
N. Dakota	2.7	22.9	--
S. Dakota	3.9	23.1	3.5
Utah*	--	--	--
Wyoming	4.3	26.1	7.4
Region VIII	3.8	24.2	5.6
US Total	4.5	20.5	8.5

Percentage responding positively to questions
*Utah does not ask this question on the YRBS
Source: CDC, *1997 YRBS*

Depression in young women is another factor considered. Unfortunately, the YRBS does not address this issue directly. However, the survey questions young women about a possible outcome of depressive behavior—suicides. Three aspects are questioned: whether the respondent ever considered suicide, whether the respondent attempted suicide, and/or whether the respondent required medical attention as a result of an attempt. The findings are presented in Table 10.5.

A larger percentage of young women in Region VIII considered suicide, reported having attempted suicide, and responded requiring medical attention from suicide attempts than did respondents across the nation. While the percentages are not substantially higher in the six states, the fact that roughly thirty percent of young women in high school have considered suicide is alarming. Also, teens in Colorado both attempted and respond that they have needed medical attention from suicide attempts at a rate nearly 50 percent above the national averages. When considered along with the fact that the female suicide rate for Colorado is 48 percent higher than the national rate, this issue warrants early intervention.

10.2 PREVENTION INDICATORS FOR BOTH YOUNG WOMEN AND ADULTS

Data from the BRFSS provide a perspective on the behavior of women 18 years of age and older. Table 10.6 summarizes general information available concerning risks taken by women in the region and across the nation.

TABLE 10.5: SUICIDE INFORMATION REGARDING YOUNG WOMEN: 1997

	Considered Suicide*	Attempted Suicide*	Required Medical Attention*	1996 Suicide Rate**
Colorado	29.6	15.1	4.6	6.5
Montana	30.9	11.5	2.8	5.2
N. Dakota	30.1	11.6	4.2	4.3
S. Dakota	31.7	12.1	2.5	5.1
Utah	29.3	11.6	4.8	4.7
Wyoming	28.4	11.5	2.9	5.9
Region VIII	30.0	12.1	3.4	5.6
US Total	27.1	11.6	3.3	4.4

* Percentage responding positively to questions
** 1996 deaths per 100,000 females (all ages) from NCHS, *1996 Mortality Detail File*
Source: CDC, *1997 YRBS*

The table indicates women in Region VIII report better self-care than women across the nation. A smaller percentage of women report poor health, currently smoking cigarettes, having been asked by their physicians to lose weight, and performing no exercise. However, fewer report having health insurance, but by only a small percentage, although Montana and Wyoming have a higher percentage of women without health insurance. A goal of *Healthy People 2010* is to increase to 85 percent people 18 and over who engage in any leisure time physical activity. Additionally, the *Healthy People 2010* target for smoking is a reduction to 13 percent.

As shown in Table 10.7, the percent of women in the region 40 years of age and older not having had a mammogram within the past two years is greater than for women across the nation. With regard to mammograms, the percentage of women in each state not having this test within the past two years is higher than the national average. And, with the exception of Colorado, the same can be said for women not having a Pap smear within the past two years.

TABLE 10.6: INDICATORS OF AT-RISK BEHAVIOR IN WOMEN: 1996

	Report Poor Health	Currently Smoke Cigarettes	Advised To Lose Weight*	Report Over-Weight**	Report No Exercise	Report No Health Insurance	Report Binge Drinking***
Colorado	2.1	21.2	9.0	21.9	21.5	12.1	7.5
Montana	2.4	22.8	10.3	26.5	22.1	17.0	6.7
N. Dakota	2.9	22.4	10.5	31.6	34.1	10.9	10.6
S. Dakota	2.4	19.2	7.0	28.5	33.8	9.6	10.5
Utah	3.1	13.4	12.2	24.2	19.3	13.0	3.4
Wyoming	2.4	24.7	9.7	24.9	18.9	16.9	7.6
Region VIII	2.5	19.8	9.8	---	23.0	12.8	---
US Total	3.8	21.2	12.8	28.7	31.8	13.2	6.7

Percentage responding positively to questions
* Denominator is number of those seeking professional advice regarding weight loss
** Body mass index greater than 27.3
*** Binge drinking defined as 5 or more drinks on at least occasion during the past month – 1997 data
Source: CDC, *1996 BRFSS*

TABLE 10.7: PREVENTIVE MEASURES TAKEN BY WOMEN: 1996

	Greater Than Two Years Since Last*		
	Mam-mogram**	Pap Smear	Report Exercise
Colorado	14.2	14.0	78.5
Montana	18.1	18.5	77.9
N. Dakota	16.3	21.3	65.9
S. Dakota	15.3	17.7	66.2
Utah	18.9	18.5	80.7
Wyoming	16.8	22.4	81.1
Region VIII	16.0	16.8	77.0
US Total	13.5	16.3	68.2

* Denominator includes women ever having procedure performed
** Women 40 years or older
Source: CDC, *1996 BRFSS*

Finally, Table 10.8 presents the weighted percentage of females aged 18 years or older who reported a dental visit within the preceding 12 months, lost all of their teeth, or have dental insurance. These data, provided directly by the CDC, present BRFSS data for 1995, 1996, and 1997 in order to display results for each state in each oral health category.

TABLE 10.8: INDICATORS OF ORAL HEALTH IN WOMEN

	Saw Dentist In Past 12 Months	Lost All Natural Teeth	Have Dental Insurance
Colorado‡	69.0	6.1	59.9
Montana‡	68.8	11.3	43.7
N. Dakota*	70.1	12.2	40.4
S. Dakota†	73.4	12.6	42.9
Utah‡	74.8	6.6	61.5
Wyoming*	68.8	9.9	52.9
Region VIII	70.7	8.0	55.2
US Total	71.5	8.1	55.3

Percentage responding positively to questions
*1995 †1996 ‡1997
Source: CDC, *1995-97 BRFSS*

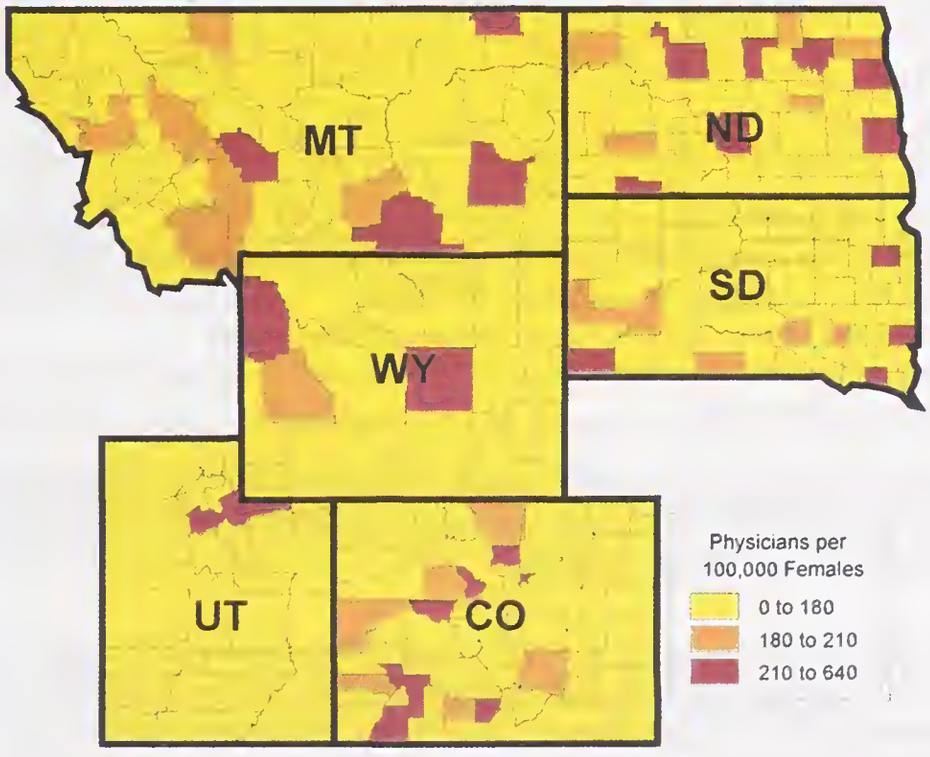
10.3 OTHER RELEVANT ISSUES

According to the National Conference of State Legislatures, breast cancer screening coverage is mandated in 47 states of the nation; in Region VIII these include Montana, North Dakota, South Dakota and Colorado. Hence, two of the three holdout states are in Region VIII. Thirteen states have mandated infertility coverage; Montana is one of these states. While none of the Region VIII states currently mandate contraceptive coverage, both Montana and Utah expect to consider such legislation in 1999. Finally, only eight states mandate osteoporosis coverage, none of which are in Region VIII; however, South Dakota expects to consider such legislation in 1999.

11.0

INDICATORS OF WOMEN'S ACCESS TO CARE IN REGION VIII

Despite the rural nature of the region (as described in Chapter 3 in terms of population density, number of health professions shortage areas, and urbanicity), the overall indicators of access to care for women in Region VIII are in line with national rates—and better than might be expected. Overall, women in the region have access to physicians, dentists, other providers of care, and health care facilities at a rate only slightly below the rate for women across the nation. However, there are differences in availability of care when considering the issue at lower geographic levels. The actual counts, the rates per population, the balance and the distribution of these health care resources are considered in this chapter and in Appendix C and D. Figure 11.1 presents one perspective of the access issue.



Source: BHPr, *Area Resource File, February 1999*

(Region = 182.2, Nation = 203.2)

FIGURE 11.1: DISTRIBUTION OF PRIMARY CARE PHYSICIANS IN REGION VIII: 1997

Figure 11.1 shows the disparity of the physician distribution in the region. The data displayed include all 1997 primary care physicians in the region who treat patients. The primary care specialties presented in the table include general/family practice, internal medicine, pediatrics,

and obstetrics and gynecology. Overall, the regional rate of physicians per 100,000 females is about 10 percent below the national average. The distribution of physicians by specialty and the details of other health resources are described in the following sections.

Table 11.1 summarizes the health resources in the region, by state. Region VIII has about nine percent of all counties in the nation, 10 percent of all partial-county health professional shortage areas (HPSA's), and 12 percent of all full-county HPSA's.

TABLE 11.1: SUMMARY OF HEALTH RESOURCES IN REGION VIII

	1997 HPSA*		1997 Physicians**		1996 Hospitals***		1994 Other Facilities****			
	Full	Partial	Number	/100000	Number	Bed/1000	HHA	RHC	CMHC	Mamm
Colorado	20	30	9,099	463.9	68	4.8	158	23	18	92
Montana	15	19	1,655	375.5	59	10.1	52	25	5	38
N. Dakota	15	23	1,401	436.2	48	13.8	33	61	0	45
S. Dakota	19	27	1,308	349.6	57	14.1	37	45	1	38
Utah	12	12	4,060	392.8	40	4.3	66	14	4	39
Wyoming	8	9	801	336.4	27	8.9	55	10	5	24
Region VIII	89	120	18,324	419.4	299	6.9	401	178	33	276
US Total	756	1,200	656,195	480.3	5,113	6.6	8,045	2,032	884	7,139

* - number of counties designated as either a full or partial county primary care health professions shortage area

** - total number of physicians (i.e., all specialties) and per 100,000 females

*** - total short term general hospitals and short term hospital beds per 1,000 total females

**** - HHA = home health agencies, RHC = rural health clinics, CMHC = community mental health ctr, Mamm = mammography ctr

Source: BHPr, *Area Resource File*, February 1999

The table shows the number and rate (per 100,000 females) of all 1997 active physicians in the region. In terms of total physicians, the regional rate is 13 percent lower than the national average of 480 physicians per 100,000 females.

With regard to health facility resources, the region has approximately the same number of short-term general hospital beds per 1,000 females as the rest of the nation; however, the geographic distribution of these facilities is quite uneven. The region has almost five percent of the Medicare-certified home health agencies, nine percent of the rural health clinics, four percent of the community mental health centers, and four percent of the mammography facilities in the nation. All of these percentages might be expected based solely upon the population in the region (that is, the region has just over 3 percent of all women in the United States).

11.1 INDICATORS OF ACCESS TO PHYSICIANS AND OTHER PROVIDERS

As is shown in Table 11.2, the number of physicians per 100,000 females in the region in 1997 as compared to the national rates are as follows: in terms of total physicians, the region is at 88

percent of the national rate; 89 percent in terms of all primary care, patient care physicians; 132 percent of the national rate for physicians in general/family practice; and 76 percent of the national rate of pediatricians. The rate of all specialty physicians is 88 percent of the national value, ob/gyn physicians are 86 percent of the national rate and psychiatrists are 80 percent of the national rate.

TABLE 11.2: DISTRIBUTION OF PHYSICIANS IN REGION VIII BY SPECIALTY: 1997

	Physicians per 100,000 Females							
	Total	All Patient Care	Primary Care*	Family Practice	Pediatrics	Ob/Gyn	Specialty Care	Psychiatry
Colorado	472.3	432.2	200.5	73.0	32.8	26.5	231.7	26.5
Montana	375.1	354.2	155.7	73.4	17.7	19.7	198.5	12.9
N. Dakota	434.9	405.4	198.1	101.5	19.6	16.5	207.4	21.7
S. Dakota	352.2	335.8	170.7	89.1	16.7	16.7	165.1	13.7
Utah	404.4	368.3	163.9	54.8	32.9	24.4	204.4	14.1
Wyoming	335.1	310.0	157.7	86.2	16.7	20.5	152.3	12.1
Region VIII	425.7	392.2	182.2	73.1	28.0	23.4	210.0	20.0
US Total	484.4	439.7	203.2	55.3	36.9	27.2	236.4	25.0
Region:US	0.88	0.89	0.90	1.32	0.76	0.86	0.89	0.80

* Primary care includes general/family practice, pediatrics, internal medicine, ob/gyn
Source: BHPr, *Area Resource File*, February 1999

Women in Region VIII appear to have access to physicians, patient care physicians, primary care physicians, and specialists at a rate approximately 90 percent that of women across the nation. The availability of pediatricians is only three-quarters that found across the nation, while general and family practitioners are available to women in Region VIII 32 percent more than across the nation.

The distributions of these physicians are interesting to view. Figures 11.2 and 11.3, presented below, display the distributions of pairs of physicians, by practice specialty.

Figure 11.2 shows pediatricians and ob/gyn practitioners. The rates per 100,000 females for each county in the region shows marked differences for these practitioners. Women have little access to pediatricians across a major portion of the region, while the distribution of obstetricians and gynecologists is more uniform across the region. Fewer counties have half the regional rate for ob/gyn than for pediatrics, and more counties are well above the regional rates for ob/gyn physicians.

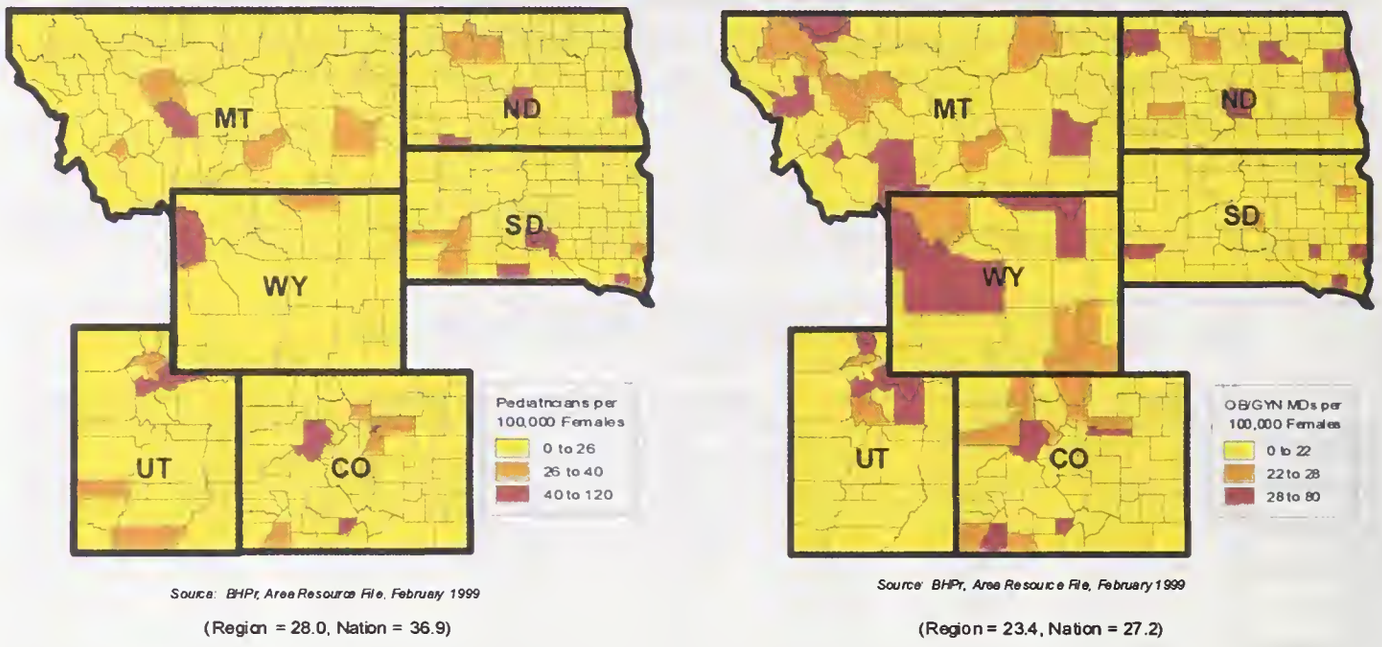


FIGURE 11.2: DISTRIBUTION OF PEDIATRICIANS AND OB/GYNs: 1997

The patterns of physician distribution are much more similar for all specialists and for psychiatrists, as is shown in Figure 11.3. In this comparison, with very few exceptions the counties having higher rates per 100,000 females are almost identical in the two maps.

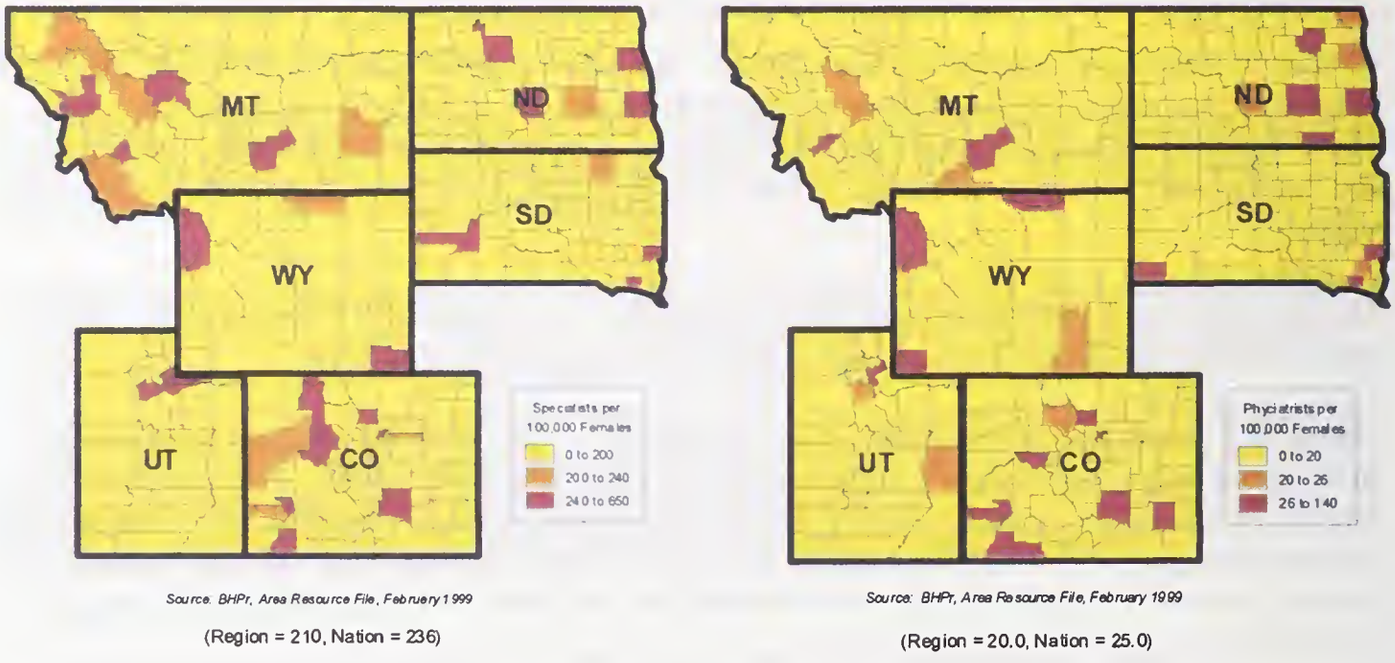


FIGURE 11.3: DISTRIBUTION OF ALL SPECIALISTS AND PSYCHIATRISTS: 1997

As a final note about physicians, roughly 20 percent of the actively practicing providers in the region are female, while across the nation, slightly more than 23 percent are female. While this does not directly impact women's health, it may inhibit certain of the females in the region from seeking medical advice.

Dentists are also present in the region in reasonable rates. Table 11.3 presents the number of total and general practice dentists. The table contains the gender of the practitioners; however, the gender-specific information is only available for private practice dentists. As such the sum of male and female does not add to total dentists.

TABLE 11.3: DISTRIBUTION OF DENTISTS IN REGION VIII: 1995

	Number Of Dentists				Dentists Per 100,000 Females	
	Total	General Practice*	Male	Female	Total	General Practice*
Colorado	2,512	1,939	2,114	191	133.10	102.74
Montana	475	387	427	16	108.69	88.56
N. Dakota	324	249	269	14	100.87	77.52
S. Dakota	345	273	288	21	93.32	73.85
Utah	1,184	942	1,113	15	120.47	95.85
Wyoming	243	204	215	13	102.12	85.73
Region VIII	5,083	3,994	4,426	270	120.00	94.29
US Total	153,007	118,816	125,105	15,990	113.91	88.46

* - General practice and pediatric dentists.
Source: BHPr, *Area Resource File*, February 1999

The dentist-to-population ratios indicate that the region has more dental practitioners per 100,000 females than the nation as a whole. However, there appears to be an imbalance among the states. Only Colorado and Utah, the most populous states, exceed the national rates, while Montana is essentially at the national value. The other three states are lower than the national values. The region has a smaller percentage of female practitioners than does the nation as a whole. Across the nation about 11 percent of private practice dentists are female whereas in Region VIII, less than six percent of the dentists are women.

Relatively little current data are available on other primary care providers. For example, data on registered nurses and licensed practical nurses are from 1990, and are self-reported. The states in the region provided data on advanced practice nurses for 1997 and data were available for physician assistants for 1998. Table 11.4 presents these data by state within the region. (County-level data are currently being collected by the Bureau of Health Professions, HRSA, DHHS, on most of the major health professions, and should be available within the next two years for future assessments of the region.)

TABLE 11.4: RATES OF OTHER PRIMARY CARE PROVIDERS

	Other Primary Care Providers per 100,000 Females			
	1997 Advanced Practice Nurses	1990 Registered Nurses	1990 Licensed Practical Nurses	1998 Physician Assistants
Colorado	--	1277.7	200.6	30.6
Montana	67.4	1237.8	308.0	26.5
N. Dakota	121.1	1717.6	508.5	45.4
S. Dakota	127.7	1613.9	390.8	49.4
Utah	58.0	939.1	188.0	22.2
Wyoming	63.8	1120.8	237.2	33.2
Region VIII	79.5	1247.8	250.1	31.0
US Total	--	1391.5	317.0	19.2

Sources: RN's, LPN's, PA's - BHPr, *Area Resource File*, February 1999
APN's – Data provided by the individual states

As can be determined from these data, the 1990 rates in the region were 10 percent lower than the national value for RN's and 21 percent below the national average for LPN's. However, the regional rate for physician assistants was 61 percent above the national value.

Advanced practice nurses is a grouping that includes certified nurse midwives, certified nurse anesthetists, certified nurse practitioners, and clinical nurse specialists. Data were not available from Colorado nor for the total US. 1997 population data were used for computing the rates for advanced practice nurses and physician assistants.

11.2 INDICATORS OF ACCESS TO HEALTH CARE FACILITIES

Table 11.5 presents the number of short-term general hospitals in each state of the region in 1996. The table also indicates the number of these facilities in each state providing a number of specific services of interest in studying women's access issues.

The region had roughly six percent of all short-term hospitals in the US in 1996. Of these hospitals, 64 percent offered obstetrical services, 62 percent offered breast cancer screening and mammography services, 33 percent offered geriatric services, and 13 percent offered assistance with reproductive issues. For the nation as a whole, 62 percent offered obstetrical services, 70 percent offered breast screening services, 35 percent geriatric care, and 17 percent offered reproductive services. With the exception of breast cancer screening, the region and all hospitals in the nation had similar percentages of hospitals offering the services discussed.

TABLE 11.5: SHORT TERM GENERAL HOSPITALS (AND SERVICES): 1996

	Hospitals Offering The Following Services*				
	Total Hospitals	Obstetrical Services	Breast Cancer Screen	Geriatric Services	Reproductive Services
Colorado	68	46	47	27	11
Montana	59	31	32	14	3
N. Dakota	48	28	25	16	8
S. Dakota	57	36	30	18	6
Utah	40	33	30	15	9
Wyoming	27	20	21	8	1
Region VIII	299	194	185	98	38
US Total	5,113	3,181	3,592	1,790	901

* Short-term general hospitals; reproductive health services include areas such as fertility counseling and in vitro fertilization
Source: BHPr, *Area Resource File*, February 1999

Having the count of facilities, it is of interest to consider the number of beds per 1,000 females in the region. Table 11.6 shows these data. The first column of data presents the rate for all hospitals in the region, including short-term, long-term, and specialty care facilities (e.g., cancer hospitals). The third category is obstetrical beds set up per 1,000 females. The region and nation have nearly identical rates in all three categories. North and South Dakota have nearly twice the number of total and short-term beds per 1,000 females as the region and the nation as a whole.

TABLE 11.6: HOSPITAL BEDS PER 1,000 FEMALES: 1996

	Hospital Beds Per 1,000 Females		
	Total Beds	Short Term Beds	Obstetric Beds
Colorado	6.0	4.8	0.4
Montana	10.3	10.1	0.5
N. Dakota	14.9	13.8	0.7
S. Dakota	15.4	14.1	0.6
Utah	5.3	4.3	0.5
Wyoming	10.8	8.9	0.5
Region VIII	8.0	6.9	0.5
US Total	7.9	6.6	0.4

Source: BHPr, *Area Resource File*, February 1999

As noted in the previous chapter, according to the National Conference of State Legislatures, there is much legislative activity on women's health issues. Thirty-six states are considering

legislation to permit direct access to Ob/Gyn services or provide the ability to designate an Ob/Gyn physician as a primary care provider. However, only three of the Region VIII states are among the 36 states offering this option: Colorado, Montana and Utah.

APPENDIX A

DATA SOURCES AND CONTACTS

Data source information is presented according to the chapter in which the data are referenced. Department names and, when available addresses, are shown for the state agencies providing data for this effort.

DEMOGRAPHICS

1990-1996 Population Estimates by age, gender and race are from *Estimates of the Population of Counties by Age, Sex, and Race/Hispanic Origin: 1990-1996, U.S. Bureau of the Census*. Unless otherwise noted, figures for the appropriate year are those used in calculating rates throughout the report. 1997 Population Estimates are from *Estimates of the Population of Counties by Age, Sex, and Race/Hispanic Origin: 1990-1997.*

1995 Urban/rural continuum codes are from *Rural-Urban Continuum Codes for Metro and Nonmetro Counties, Department of Agriculture*. The specific codes are defined in Appendix B that follows.

1990 Female head of household data are from the *1990 Census STF1A*.

1990 Females 16+ unemployed data are from the *1990 Census STF3A*.

1990 Females 15+ divorced data are from the *1990 Census STF3A*.

1994-96 (3-Year Average) Women in Poverty is defined as the percent of women living below the official poverty threshold, which varies by family size and composition. Data are from the *Institute for Women's Policy Research, Status of Women in the United States (Second Edition, 1998-99);*

Women's Median Annual Earnings (in 1997 dollars) of Women 16 years and older working full-time, year round in 1994, 1995, 1996 are from the *Institute for Women's Policy Research, Status of Women in the United States (Second Edition, 1998-99).*

MORTALITY

Mortality statistics were calculated using the *1996 National Center for Health Statistics Mortality Detail File*. Rates were calculated using the 1996 Census age, gender and race file described in Demographics above.

INFECTIOUS AND CHRONIC DISEASES

1997 data regarding Infectious Diseases were obtained from the following agencies within the individual states:

Infectious Diseases

COLORADO

HIV/AIDS: Colorado Department of Public Health and Environment
HIV/STD Surveillance Program
Division of Disease Control and Environmental Epidemiology
4300 Cherry Creek Drive South
Denver, CO 80246-1530

STDs: Colorado Department of Public Health and Environment
HIV/STD Surveillance Program
Division of Disease Control and Environmental Epidemiology
4300 Cherry Creek Drive South
Denver, CO 80246-1530

HEPATITIS: Colorado Department of Public Health and Environment
Communicable Diseases Surveillance Program
Division of Disease Control and Environmental Epidemiology
4300 Cherry Creek Drive South
Denver, CO 80246-1530

TB: Colorado Department of Public Health and Environment
Tuberculosis and Vaccine-preventable Disease Surveillance Program
Division of Disease Control and Environmental Epidemiology
4300 Cherry Creek Drive South
Denver, CO 80246-1530

MONTANA

AIDS: Department of Public Health and Human Services
Epidemiology
1400 Broadway, Room 314B
Cogswell Building
Helena, MT 59620

The number of new HIV cases reported in 1997 was not available at the county/gender level.

STDs: Department of Public Health and Human Services
Epidemiology
1400 Broadway, Room 314B
Cogswell Building
Helena, MT 59620

HEPATITIS: Department of Public Health and Human Services
Epidemiology
1400 Broadway, Room 314B
Cogswell Building
Helena, MT 59620

TB: Department of Public Health and Human Services
Epidemiology
1400 Broadway, Room 314B
Cogswell Building
Helena, MT 59620

NORTH DAKOTA

HIV/AIDS: North Dakota Department of Health

Because of confidentiality restrictions, data by gender were not available at the county level.

STDs: North Dakota Department of Health

HEPATITIS: Not available

TB: North Dakota Department of Health

SOUTH DAKOTA

HIV/AIDS: Information by gender for the number of occurrences in 1997 is not available at the county or state level.

STDs: Information on Sexually Transmitted Diseases in South Dakota was obtained from the South Dakota Department of Health web site: www.state.sd.us/doh/Disease/stdstats.html. The number of occurrences by gender of Chlamydia and Gonorrhea were not available for 1997, therefore the number of occurrences in 1998 was used. In 1997, there were 1,430 total reported cases of Chlamydia. In 1998 the total reported cases were 1,575, of which 1,170 were females. In 1997 there were 171 total reported cases of

Gonorrhea. In 1998 the total reported cases were 221, of which 124 were females. Information by gender for Syphilis was not available.

HEPATITIS: South Dakota Department of Health, Office of Disease Prevention.

Only state level gender data was available.

TB: Information was obtained from the South Dakota Department of Health web site: www.state.sd.us/doh/Disease/stats.html.

Only state-level data was available.

UTAH

HIV/AIDS: Utah Department of Health
Bureau of HIV/AIDs and Tuberculosis Control

STDs: Utah Department of Health
Bureau of Epidemiology
288 North 1460 West
P.O. Box 142104
Salt Lake City, UT 84114-2104

HEPATITIS: Utah Department of Health
Bureau of Epidemiology
288 North 1460 West
P.O. Box 142104
Salt Lake City, UT 84114-2104

Because of small populations, these data by gender are only available at the state-level.

TB: Utah Department of Health
TB Control /Refugee Health

WYOMING

HIV/AIDS: Communicable Disease Coordinator
Wyoming Department of Health
Epidemiology Unit
Hathaway Building, 4th Floor
Cheyenne, WY 82002

STDs: Communicable Disease Coordinator
Wyoming Department of Health
Epidemiology Unit
Hathaway Building, 4th Floor
Cheyenne, WY 82002

HEPATITIS: Communicable Disease Coordinator
Wyoming Department of Health
Epidemiology Unit
Hathaway Building, 4th Floor
Cheyenne, WY 82002

TB: Communicable Disease Coordinator
Wyoming Department of Health
Epidemiology Unit
Hathaway Building, 4th Floor
Cheyenne, WY 82002

US

HIV/AIDS: *1998 Year-End HIV/AIDS Surveillance Report*, CDC.

STDs: *Sexually Transmitted Disease Report, 1996*, CDC.

HEPATITIS: Table 54, National Center for Health Statistics. *Health, United States, 1998 With Socioeconomic Status and Health Chartbook,* Hyattsville, Maryland: 1998.

TB: *1996 TB Surveillance Report*, CDC.

Chronic Diseases

1996 data regarding Chronic Diseases were obtained from the following agencies within the individual states:

CANCER

COLORADO: Colorado Central Cancer Registry
Colorado Department of Public Health and Environment
4300 Cherry Creek Drive South
Denver, CO 80246
(303) 692-2544

MONTANA: Department of Public Health and Human Services
Vital Statistics Bureau and Office of the State Registrar
Montana Central Tumor Registry
(406) 444-4228

NORTH DAKOTA: North Dakota Cancer Registry
(701) 328-2333

This Cancer Registry is new and is currently in the process of collecting data for 1997. They are hoping for a release date of June 1999.

SOUTH DAKOTA: *South Dakota Cancer Data Collection System Report of 1995 Data*, South Dakota Department of Health, February 1998.

South Dakota Department of Health
600 East Capitol
Pierre, SD 57501-2536
(605) 773-3361

UTAH: The University of Utah
Utah Cancer Registry
546 Chipeta Way, Suite 2100
Salt Lake City, UT 84108
(801) 581-8407

WYOMING: *A Report on Cancer in Wyoming, 1998*, Wyoming Cancer Surveillance Program, Wyoming Department of Health.

US: American Cancer Society, *CA: A Cancer Journal for Clinicians Jan/Feb 1998, Vol. 48, No. 1.*

OTHER CHRONIC DISEASES

Diabetes, Cholesterol and Hypertension data were taken from the *1997 Behavior Risk Factor Surveillance System,* or BRFSS.

Information regarding Oral Health were obtained from the CDC Epidemiology Division. Data are from the 1995-97 *Behavior Risk Factor Surveillance System.*

MENTAL HEALTH

Poor mental health was calculated using the CDC's *1996 Behavior Risk Factor Surveillance System*, or BRFSS and is defined as the percent of females indicating they had more than 10 poor mental health days in the month prior to the survey.

High school females considering, attempting and requiring medical assistance from attempting suicide are from the *1997 Youth Risk Behavior Survey.*

Mortality statistics were calculated using the *1996 NCHS Mortality Detail File*. Rates were calculated using the 1996 age, gender and race Census data described in Demographics above.

REPRODUCTIVE HEALTH

Births, birth rates, fertility rates, preterm births, low birthweight births, birth complication rates, physician supervision of birth, births to teenage mothers, type of delivery, births to unmarried women, births within two years of prior birth, multiple births, and abnormal birth conditions were calculated using the *1996 National Center for Health Statistics Natality Detail File.*

The following 1997 Reproductive Health data were obtained from the individual states.

COLORADO

FETAL DEATHS: Fetal Deaths are for those of 20 or more weeks of gestation and are by county of residence. Counties with less than three events are not reported.

Colorado Department of Public Health and Environment
Health Statistics Section, HSVRD-HS-A1
Health Statistics and Vital Records Division
4300 Cherry Creek Drive South
Denver, CO 80246-1530

ABORTIONS: Induced Terminations of Pregnancy occurring to Colorado residents in Colorado. Counties with less than three events are not reported.

Colorado Department of Public Health and Environment
Health Statistics Section, HSVRD-HS-A1
Health Statistics and Vital Records Division
4300 Cherry Creek Drive South
Denver, CO 80246-1530

MONTANA

FETAL DEATHS: By county of residence. Not reported are early fetal deaths (when fetus weighed less than 350 grams or gestation was less than 20 weeks.)

Department of Public Health and Human Services
Family Planning Section
Family and Community Health Bureau
Cogswell Building
P.O. Box 202951
Helena, MT 59620-2951

ABORTIONS: By county of residence. Not included are abortions performed outside Montana on Montana residents.

Department of Public Health and Human Services
Family Planning Section
Family and Community Health Bureau
Cogswell Building
P.O. Box 202951
Helena, MT 59620-2951

NORTH DAKOTA

FETAL DEATHS: Information was obtained from the North Dakota Department of Health, Office of Vital Statistics web site: www.health.state.nd.us/ndhd/admin/vital/ve97/sum97.html

ABORTIONS: Information was obtained from the North Dakota Department of Health, Office of Vital Statistics web site: www.health.state.nd.us/ndhd/admin/vital/ve97/ITOP8397.html

Only state level data were available for abortions.

SOUTH DAKOTA

FETAL DEATHS: *South Dakota Vital Statistics and Health Status: 1997*, South Dakota Department of Health, November 1998.

Fetal Deaths are by county of residence.

ABORTIONS: *South Dakota Vital Statistics and Health Status: 1997*, South Dakota Department of Health, November 1998.

South Dakota resident induced abortions occurring in South Dakota by patient's resident county. Counties with less than 10 occurrences are not reported.

UTAH

FETAL DEATHS: Utah Department of Health
Reproductive Health Program

Utah's Vital Statistics, Births and Deaths: 1997
Utah Department of Health, Office of Public Health Data, Bureau of Vital Records. Technical Report Number 202, November 30, 1998.

By county of residence.

ABORTIONS: Utah Department of Health
Reproductive Health Program

Utah's Vital Statistics, Births and Deaths: 1997
Utah Department of Health, Office of Public Health Data, Bureau of Vital Records. Technical Report Number 202, November 30, 1998.

By county of residence.

WYOMING

FETAL DEATHS: Deputy State Registrar
Wyoming Department of Health
Vital Records Services
Hathaway Building
Cheyenne, WY 82002

ABORTIONS: Alan Guttmacher Institute, *Family Planning Perspectives, Vol.3, No. 6 N/D 1998.*

US

FETAL DEATHS: Table 23, *Health, United States, 1998 With Socioeconomic Status and Health Chartbook*, Hyattsville, Maryland: 1998.

ABORTIONS: Table 16, *Health, United States, 1998 With Socioeconomic Status and Health Chartbook,* Hyattsville, Maryland: 1998.

MATERNAL HEALTH

Maternal Health statistics were calculated using the 1996 *NCHS Natality Detail File*. Rates were calculated using the 1996 age, race, gender Census data described in Demographics above.

Pregnancy rates, birth rates and abortion rates for teenage females are from The Alan Guttmacher Institute, *Teenage Pregnancy: Overall Trends and State-by-State Information*. April 1999.

VIOLENCE AND ABUSE

Overall crime statistics were obtained from the *1996 FBI Uniform Crime Statistics* file. Data for Montana were missing. Montana data were obtained, by county from the Montana Department of Justice, located in Helena, Montana. The Montana data were not provided by gender.

Female homicide data were calculated using the *1996 FBI Supplementary Homicide Report* data file. As noted, data for Montana were not available.

ILLNESS PREVENTION

Illness prevention data for teenage females were obtained from the *1997 YRBS*. Illness prevention data for adult females was processed using the *1996 BRFSS*.

ACCESS TO HEALTH CARE

Access to Health Care data were calculated using the Health Resources and Service Administration, Bureau of Health Professions, *Area Resource File (ARF) System,* (Fairfax, VA: Quality Resource Systems, Inc., Feb. 1999). Original source data are:

1997 Primary Care Health Professions Shortage Area (HPSA) codes are from the *Federal Register, Vol. 62 No. 104; May 30, 1997; Part 2.*

1997 Physician data are from the *1997 American Medical Association Physician Masterfiles*. These numbers include only MD's, not DO's.

1996 Hospital Facilities data are from the *1996 AHA Annual Survey of Hospitals.*

1994 Medicare certified Health Facilities data are from the *1994 HCFA Provider of Services.*

1995 Dentists data are from the *1995 ADA State and County Demographic Report.*

1990 Registered Nurses and Licensed Practical Nurses data are from the US Bureau of the Census, *Census of Population, 1990:EEO File.*

1998 Physicians Assistants data are from the *American Academy of Physician Assistants File.*

Additionally, data on 1997 Advanced Practice Nurses were provided by each of the states.

APPENDIX B

METHODS

The focus of this contract was to develop and present indicators of women's health status in Region VIII. Further, the emphasis was to develop indicators that could be compared across time and at the local level. Therefore, current and anticipated availability of data was a consideration. In all cases, an attempt was made to obtain data at the lowest geographic level (preferably county) and for the most refined racial and age categories for the indicators identified. These objectives presented different challenges, depending on the particular data being sought. For some of the areas of interest (e.g., women taking folic acid, women suffering from osteoporosis), no data readily exist at the state level, not to mention for lower geographic areas. For other data, state level survey data exist but county data are not available for a finer analysis (e.g., incidence of diabetes). Other data were available at the county level, but had to be obtained from the individual states, which involved not only major data collection efforts but also required standardizing the data provided from the different sources (e.g., infectious and chronic diseases). Yet other data were available at the county level and from a consolidated source (e.g., mortality and natality data) but have privacy restrictions when there are few occurrences at the county level.

Additionally, rates become distorted for sparsely populated areas where a single birth, death, or incidence of a disease may make a rate appear unrealistically high. Since this effort attempted to provide a comprehensive picture of all the factors impacting women's health, these and other issues were encountered.

As such, the data in this report are provided as the best estimates available to assess the status of women's health in the region, but must be used with caution. The data are provided primarily to serve as a baseline for assessment of potential problem areas, but should be examined closely in conjunction with other information available and should be assessed over time prior to making major policy or funding decisions based on the results.

The methods for data collection and presentation are described below for each chapter of the report. The details of the material presented in the chapters are expanded upon in this appendix as are the computational approaches, definitions, and factors employed. No tests were performed to determine the statistical significance of the data presented in this document.

It should be noted that throughout this document women of Hispanic origin can be of any race. In all tables displaying race and ethnic data, the sum of White, Black, American Indian, and Asian/Pacific Islander equals total females.

DEMOGRAPHICS

Data presented regarding the demographic makeup of the female population in Region VIII were available at the county level and presented few limitations in consistency and availability. The

only exception was that some of these data are quite dated (e.g., female heads of household and divorced) in that when obtaining data at the county level, the 1990 Census is the most current data available. These data are provided as a baseline and can be updated soon with the 2000 Census data.

1995 urban/rural continuum codes are defined as:

CODE	METROPOLITAN COUNTIES (0-3)
0	Central counties of metropolitan areas of 1 million population or more
1	Fringe counties of metropolitan areas of 1 million population or more
2	Counties in metropolitan areas of 250,000-1,000,000 population
3	Counties in metropolitan areas of less than 250,000 population
	NONMETROPOLITAN COUNTIES (4-9)
4	Urban population of 20,000 or more, adjacent to a metropolitan area
5	Urban population of 20,000 or more, not adjacent to a metropolitan area
6	Urban population of 2,500-19,999, adjacent to a metropolitan area
7	Urban population of 2,500-19,999, not adjacent to a metropolitan area
8	Completely rural (no places with a population of 2,500 or more) adjacent to a metropolitan area
9	Completely rural (no places with a population of 2,500 or more) not adjacent to a metropolitan area

Frontier counties are those defined as having a total population density of six or fewer people per square mile. These counties are identified with the thought that sparsely populated areas have their own unique set of health care issues.

MORTALITY

Mortality data for Region VIII were available at the county level. Data are available on an annual basis and are available from a single, consistent source. Data presented in the report are based on place of residence. The primary issue with these data is the handling and interpretation of very small numbers at the county level. Such data (1) can present a distorted view of an area when taken as a single point in time, and (2) are restricted in use due to privacy guidelines when fewer than three cases occur in an area. Therefore, data provided in the appendices were screened to ensure no data were inappropriately presented. Some data presented in more detail at the state level have been consolidated or omitted from the county presentations because of very small numbers. Incidence data of three or fewer occurrences and the associated rates are presented in Appendix D as *.

Data were examined to present a picture of women's mortality with regard to the leading national causes of death for women, the leading causes of death within the region, and particular areas of interest (e.g., HIV).

The causes of death are defined as follows:

Disease Area	ICD-9-CM Codes
Infectious & parasitic diseases	001-139
HIV/AIDS	042-044
Malignant neoplasms	140-208
Lung cancer (including trachea & broncus)	162

Disease Area	ICD-9-CM Codes
Colorectal cancer	153-154
Breast cancer	174
Cervical cancer	180
Endocrine, nutritional and metabolic diseases	240-279
Obesity	278.0
Diabetes	250
Blood diseases	280-289
Mental disorders	290-319
Nervous system	320-389
Circulatory system	390-459
All heart disease	390-398,402,404-429
Hypertension	401-404
Ischemic heart disease	410-414
Cerebrovascular disease	430-438
Arterial diseases	440-448
Respiratory disease	460-519
Pneumonia/influenza	480-487
Chronic obstructive pulmonary disease (COPD)	490-496
Digestive disorders	520-579
Genitourinary	580-629
Unintentional injuries	E800-E949
Motor vehicle accidents	E810-E825
Other accidents	E800-E809,E826-E949
Suicide	E950-E959
Homicide	E960-E978

Incidence, crude rates and in some instances age-adjusted rates are presented. All age adjustments were calculated using those recommended by NCHS[1] to provide a baseline to future efforts. Age adjustment is defined as the application of age-specific rates in a population of interest to a standardized age distribution in order to eliminate differences in observed rates that result from age differences in population composition. Such adjustments are useful when comparing two or more populations at a single point in time or one population at two or more points in time. Because this report is intended both to provide a comparison of the Region VIII females to the US and to present a baseline point in time to gauge changes in the Region VIII states, age-adjusted figures are provided for both comparisons.

Age-adjustment takes the distribution of a population into account. While many demographic analyses use the population distribution found in 1940 as the base for adjusting segments of the population, within the next year or two the basis is to be shifted to a population forecast for the year 2000. As noted, since one objective of this contract is to provide baseline data for subsequent comparisons, the Regional Office and the state SWHC's selected a base that should be stable over the next ten years, or more. Further, the year 2000 basis has been recommended by NCHS beginning with data year 1999.

For these reasons, age-adjustments based a projected year 2000 population have been used in the mortality section of this report.

[1] Anderson RN, Rosenberg HM. Age standardization of death rates: implementation of the year 2000 standard. National vital statistics reports; vol 47 no 3. Hyattsville, Maryland; National Center for Health Statistics. 1998.

The differences between the values published in much of the literature based on 1940 population and those based on the year 2000 are markedly different. For example, subjecting the 1996 number of female deaths from heart disease—the leading cause of death for both women and men—to the two adjustment approaches yield the following mortality rates per 100,000 females:

TABLE B.1: COMPARISON OF AGE-ADJUSTED FEMALE HEART DISEASE MORTALITY RATES BASED ON 1940 AND 2000 POPULATION STANDARDS

	1940 Age Adjustment	2000 Age Adjustment
Region VIII	73.6	182.6
US Total	98.2	234.1

Therefore, starting with the same number of deaths in the respective age cohorts produces numbers that are substantially different, and the relative differences between the region and nation also vary. In the example above, the rate for the region was 75 percent that of the nation whereas the 2000 adjustment yielded a 78 percent difference.

INFECTIOUS AND CHRONIC DISEASES

These data were collected from the individual states, and from many different offices within each government agency. For example, sexually transmitted diseases were available from one office while TB was in another and Hepatitis another. Definitions, data suppression, and availability varied from state to state, and in some cases, within a state depending on the particular disease.

Upon receipt of these data from the different sources, data were reviewed in detail to ensure the most consistent, comparable data were presented. Notation is made where they are different, however, there may be some underlying definitional differences that were not stipulated by the sources. Where data were collected from numerous agencies, attempts were made to locate and obtain comparable national figures. These sources are not always directly comparable due to definitional and other reasons.

The data were standardized to the extent possible, but each state has its own definitions and use restrictions. Therefore, care must be given when comparing these numbers. In particular, many numbers are understated since the data obtained frequently omitted occurrences of less than three and occasionally less than 10.

Data were also taken from the BRFSS and YRBS, which represented the only data available on certain topics. However, data from these sources are based on samples of the population. Because of the small sample sizes in the Region VIII states, no reliable estimates could be made at the county level.

MENTAL HEALTH

Very few indicators of mental health are available. Two of the primary sources are the YRBS and the BRFSS, both of which are samples with relatively small numbers of respondents. The intent of these surveys is to provide a composite picture of the behaviors of high school students and members of the population 18 years and older. Although attempts were made to further refine these estimates to the county level, analysis indicated that with such relatively few respondents to the specific topic areas, any derived county estimates would be misleading. As such, data are provided from these surveys at the state level. Other surveys were reviewed for possible inclusion, but the sources cautioned against attempting to use these data at the county level as well (e.g., the NHIS).

Causes of death from mental disorders are defined as follows:

Senile and pre-senile organic psychotic conditions (ICD-9-CM 290)
Alcohol psychoses (291)
All other psychoses (292-299)
Alcohol dependence syndrome (303)
Drug dependence (304)
Other neurotic mental disorders (300-302, 305-316)
Mental retardation (317-319)

REPRODUCTIVE HEALTH

Reproductive health statistics have all the same data limitations and restrictions as those described for mortality. Births are reported by place of residence of the mother. Rates were developed to be consistent with data prepared by NCHS. Additional data were collected from the individual states regarding abortions and fetal deaths. These data were not always available at the county level and sometimes were suppressed due to small numbers of occurrences. Specific limitations are noted in Appendix A.

MATERNAL HEALTH

Maternal health statistics also have all the same data limitations and restrictions as those described for mortality and reproductive health. Discussions regarding birth complications include any incidence of the following for the birth mother: temperature > 100 F., moderate/heavy meconium, premature rupture of membrane, abruptio placenta, placenta previa, other excessive bleeding, seizures during labor, labor less than 3 hours, labor greater than 20 hours, dysfunctional labor, breech/malpresentation, cephalopelvic disproportion, cord prolapse, anesthetic complications, fetal distress or any other complication of labor and/or delivery.

VIOLENCE AND ABUSE

Data in this area are sparse. Many different agencies and organizations were contacted in an attempt to obtain local level statistics. The only source that could provide fairly detailed and comprehensive data was the FBI. The FBI collects data from law enforcement agencies across the nation on a voluntary basis. No attempt has been made to adjust for underreporting.

The FBI statistics had to be coded and deciphered before being presented in this report. An extensive amount of processing was required, as described in the data sources chapter. There is a need to collect these statistics in a consolidated, centralized database.

Many indicators such as assault against women are not available at the state or local levels. In general, very little gender-specific data were available. The exception was for homicide and manslaughter, and even in this case, data were unavailable for Montana.

ACCESS TO CARE

These data were available at the county level and are from sources that are often available on an annual basis. While many areas of interest (e.g., greater information regarding health professionals) are not currently available, they are in the process of being collected by the Bureau of Health Professions of DHHS/HRSA, and should be available for future assessment. For example, data are currently being collected for certified nurse midwives, RNs, LPNs, and pharmacists.

SUMMARY

An extensive effort has been made to prepare a comprehensive set of health status indicators for women in Region VIII. Every effort has been made to check the accuracy and comparability of the data processed. However, the results should be assessed in conjunction with other information available to the state and local public health professionals because:

1. much of the data sought was not available;
2. much of the data was obtained from different sources which applied different collection and publication protocols;
3. large amounts of data collected, processed and checked had to be suppressed at the county level as a result of privacy concerns arising from the small numbers of occurrences; and
4. data not suppressed can yield unrealistically high rates.

APPENDIX C

STATE-LEVEL DETAILED DATA

This appendix presents state-level tables to supplement the material presented in the chapters of the report. Since most of the tabulations presented in the body of the report are of state-level data, only a few additional tables are provided. The material that follows shows a different level of detail when compared to those in the body of the report.

Three tables are presented, as follows:

- Mortality rates – for the total population, all females, and for each race and ethnicity, for all causes and for 27 selected causes. Pages C-2 through C-5
- Mortality incidence and rates – for total population, all females, and for each race and ethnicity, for all and selected mental disorders. Pages C-6 through C-9
- Percent of total births – to females by race and ethnicity by age cohorts. Page C-10

1996 MORTALITY BY CAUSE AND RACE/ETHNICITY

1996 Total Mortality Rates (Males + Females)

	All Causes	Infectious Diseases	HIV	Malignant Neoplasms	Lung Cancer	Colorectal Cancer	Breast Cancer	Cervical Cancer	Endocrine Metabolic	Obesity	Diabetes	Blood Disorders	Mental Disorders	Nervous System
Colorado	672.9	16.1	6.4	147.9	35.3	15.1	11.5	1.0	22.1	0.8	14.4	2.8	20.6	20.8
Montana	876.4	13.2	1.0	201.1	55.3	20.6	16.3	1.5	28.1	0.3	21.4	3.8	23.9	26.6
N. Dakota	934.1	8.7	0.6	216.3	49.7	26.1	17.6	1.6	34.8	1.1	25.5	3.7	28.4	21.8
S. Dakota	928.0	10.6	1.4	210.4	57.8	25.4	15.7	1.1	30.6	0.5	24.4	4.5	26.8	24.4
Utah	555.5	10.4	3.2	105.2	18.8	10.4	9.5	0.9	26.8	0.9	20.9	2.7	15.3	17.4
Wyoming	748.2	10.8	1.9	180.5	41.1	21.2	14.1	0.6	23.7	0.2	17.4	2.9	18.1	20.1
Region VIII	712.1	13.1	4.0	155.7	36.8	16.6	12.5	1.1	25.6	0.8	18.5	3.1	20.7	21.0
US Total	872.5	24.8	11.7	203.4	57.3	21.3	16.4	1.7	31.2	0.7	23.3	3.8	16.6	20.3

	Circulatory System	Heart Disease	Hyper-tension	Ischemic Heart	Cerebro-vascular	Arterial Diseases	Respiratory Diseases	Pneum. Influenza	COPD	Digestive Disorders	Genito-urinary	Unintent'l Injuries	Motor Veh Accident	Other Accident
Colorado	240.5	172.6	8.2	104.2	43.9	18.9	78.5	25.7	43.3	27.2	12.2	37.4	17.5	19.9
Montana	330.6	243.7	9.4	135.4	62.5	18.4	102.5	28.2	61.9	29.2	15.5	45.3	21.7	23.5
N. Dakota	401.5	291.7	12.3	196.6	78.9	24.2	93.9	37.6	43.4	31.7	15.1	37.8	16.8	21.0
S. Dakota	393.5	300.0	6.7	203.6	65.9	23.6	90.7	38.9	40.1	32.1	14.2	46.7	23.5	23.2
Utah	200.8	144.3	7.8	82.7	42.2	10.3	53.2	23.6	23.0	23.5	10.8	32.2	17.1	15.1
Wyoming	273.6	197.1	6.9	125.3	55.0	15.8	84.1	25.1	50.9	28.0	10.0	50.9	24.5	26.4
Region VIII	267.5	194.5	8.3	119.0	50.6	17.5	77.6	27.4	40.6	27.4	12.5	38.6	18.7	19.9
US Total	359.8	276.4	15.7	179.5	60.3	16.6	83.1	31.6	40.0	29.2	16.8	35.8	16.5	19.3

1996 Mortality Rates - All Females

	All Causes	Infectious Diseases	HIV	Malignant Neoplasms	Lung Cancer	Colorectal Cancer	Breast Cancer	Cervical Cancer	Endocrine Metabolic	Obesity	Diabetes	Blood Disorders	Mental Disorders	Nervous System
Colorado	665.7	11.4	1.3	142.1	28.0	15.2	22.8	2.0	25.3	1.1	15.7	3.4	25.1	23.7
Montana	825.8	13.4	0.0	185.6	44.0	19.5	32.4	2.9	29.7	0.5	22.7	4.3	31.5	28.8
N. Dakota	912.7	9.6	0.0	198.4	38.2	23.0	35.1	3.1	36.3	0.9	24.5	3.7	33.8	21.7
S. Dakota	873.3	11.3	0.5	187.7	39.0	22.6	31.0	2.2	36.1	0.8	28.5	4.3	29.9	24.5
Utah	530.9	7.1	0.3	98.4	14.7	11.0	18.9	1.9	29.7	1.2	22.3	3.1	18.2	17.4
Wyoming	743.9	11.3	0.8	174.0	32.2	24.3	28.4	1.3	30.5	0.0	22.2	3.3	22.6	22.2
Region VIII	691.4	10.4	0.7	146.3	28.5	16.4	24.8	2.1	28.8	1.0	20.1	3.5	25.1	22.6
US Total	849.7	17.7	4.3	190.2	44.6	21.1	31.8	3.4	34.2	0.8	25.2	3.8	19.4	21.8

	Circulatory System	Heart Disease	Hyper-tension	Ischemic Heart	Cerebro-vascular	Arterial Diseases	Respiratory Disease	Pneum. Influenza	COPD	Digestive Disorders	Genito-urinary	Unintent'l Injuries	Motor Veh Accident	Other Accident
Colorado	253.8	170.3	10.7	91.9	55.9	21.6	78.5	28.8	40.3	27.5	13.4	27.1	12.6	14.5
Montana	323.4	222.8	11.6	110.1	75.5	17.2	92.5	28.3	53.9	30.4	13.4	28.8	13.1	15.6
N. Dakota	413.2	283.4	18.0	181.9	94.1	25.5	85.4	40.7	34.8	30.4	15.5	26.7	9.6	17.1
S. Dakota	387.3	272.8	8.9	169.9	85.6	23.7	78.9	38.8	30.2	33.1	15.4	32.9	16.4	16.4
Utah	203.9	140.8	9.9	73.9	48.2	10.3	48.8	24.9	19.2	26.7	12.8	21.9	11.9	10.1
Wyoming	286.6	190.8	8.4	111.3	71.5	16.3	86.2	28.0	51.5	28.0	11.3	33.5	17.2	16.3
Region VIII	274.6	187.2	10.9	104.1	62.4	18.7	74.0	29.6	36.1	28.3	13.5	26.9	12.8	14.1
US Total	371.8	275.5	18.0	172.8	71.9	16.8	82.8	33.8	38.0	28.5	18.5	24.6	10.7	13.9

1996 MORTALITY BY CAUSE AND RACE/ETHNICITY

1996 Mortality Rates - White Females

	All Causes	Infectious Diseases	HIV	Malignant Neoplasms	Lung Cancer	Colorectal Cancer	Breast Cancer	Cervical Cancer	Endocrine Metabolic	Obesity	Diabetes	Blood Disorders	Mental Disorders	Nervous System
Colorado	690.0	11.1	1.0	146.6	28.7	15.7	23.2	2.1	25.5	1.2	15.6	3.6	26.7	25.0
Montana	854.2	13.9	0.0	190.5	43.2	20.8	33.7	3.2	28.8	0.5	21.2	4.6	33.0	30.5
N. Dakota	941.9	9.2	0.0	205.3	38.6	23.1	36.6	3.3	36.3	1.0	23.8	4.0	35.7	22.8
S. Dakota	901.7	11.5	0.3	197.7	40.9	23.4	32.9	2.1	31.1	0.9	23.4	3.8	30.8	26.3
Utah	542.1	6.9	0.2	100.4	15.0	11.3	19.3	2.0	29.9	1.3	22.7	3.2	18.9	17.9
Wyoming	757.8	10.9	0.4	180.2	33.5	24.8	29.6	1.3	30.5	0.0	21.8	3.5	23.1	23.1
Region VIII	712.1	10.3	0.5	150.7	29.0	16.9	25.6	2.2	28.4	1.0	19.5	3.7	26.3	23.7
US Total	896.2	14.9	1.9	201.8	48.6	22.2	33.3	3.1	33.3	0.7	23.9	3.9	21.7	24.3

	Circulatory System	Heart Diseases	Hyper-tension	Ischemic Heart	Cerebro-vascular	Arterial Diseases	Respiratory Diseases	Pneum. Influenza	COPD	Digestive Disorders	Genito-urinary	Unintent'l Injuries	Motor Veh Accident	Other Accident
Colorado	265.4	178.7	10.8	96.5	58.1	22.5	82.7	30.3	42.4	28.3	12.8	28.1	12.9	15.2
Montana	338.9	233.9	12.5	116.2	78.4	18.1	96.7	30.0	56.2	29.3	13.7	28.8	13.2	15.6
N. Dakota	431.5	296.5	19.1	190.8	99.0	25.1	89.5	42.6	36.3	30.0	16.2	25.4	7.9	17.5
S. Dakota	411.2	288.9	8.9	180.0	92.1	24.9	83.2	40.6	32.6	31.1	16.0	31.1	15.1	16.0
Utah	210.0	145.4	10.1	76.1	49.3	10.8	50.3	25.5	19.9	27.5	12.6	21.5	11.1	10.4
Wyoming	291.6	194.6	8.7	113.6	72.3	17.0	88.4	27.9	53.5	28.3	10.4	34.0	17.4	16.5
Region VIII	286.0	195.4	11.2	108.8	64.8	19.3	77.3	30.8	37.8	28.6	13.2	27.0	12.6	14.4
US Total	396.1	294.2	16.6	187.7	76.3	18.4	91.8	36.9	43.0	30.2	18.3	25.4	11.0	14.4

1996 Mortality Rates - Black Females

	All Causes	Infectious Diseases	HIV	Malignant Neoplasms	Lung Cancer	Colorectal Cancer	Breast Cancer	Cervical Cancer	Endocrine Metabolic	Obesity	Diabetes	Blood Disorders	Mental Disorders	Nervous System
Colorado	491.1	17.4	7.4	106.7	22.3	9.9	26.0	0.0	37.2	0.0	26.0	1.2	5.0	12.4
Montana	366.8	0.0	0.0	146.7	73.4	0.0	0.0	0.0	73.4	0.0	73.4	0.0	0.0	0.0
N. Dakota	113.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S. Dakota	282.5	56.5	56.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Utah	338.7	13.5	0.0	54.2	13.5	13.5	0.0	0.0	27.1	0.0	13.5	0.0	13.5	27.1
Wyoming	485.2	107.8	53.9	53.9	0.0	53.9	0.0	0.0	53.9	0.0	53.9	0.0	0.0	0.0
Region VIII	466.4	19.0	8.4	98.1	21.1	10.6	22.2	0.0	35.9	0.0	25.3	1.1	5.3	12.7
US Total	753.5	39.7	20.8	157.9	30.5	19.1	29.9	5.2	47.0	1.6	37.9	4.5	10.2	12.3

	Circulatory System	Heart Diseases	Hyper-tension	Ischemic Heart	Cerebro-vascular	Arterial Diseases	Respiratory Diseases	Pneum. Influenza	COPD	Digestive Disorders	Genito-urinary	Unintent'l Injuries	Motor Veh Accident	Other Accident
Colorado	162.5	102.9	14.9	53.3	36.0	14.9	37.2	13.6	18.6	19.8	31.0	16.1	6.2	9.9
Montana	146.7	73.4	0.0	0.0	73.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
N. Dakota	56.9	56.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S. Dakota	169.5	113.0	56.5	113.0	0.0	0.0	0.0	0.0	0.0	0.0	56.5	0.0	0.0	0.0
Utah	162.6	94.8	13.5	27.1	40.6	0.0	0.0	0.0	0.0	0.0	13.5	0.0	0.0	0.0
Wyoming	161.7	107.8	0.0	107.8	53.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Region VIII	160.4	101.3	14.8	51.7	35.9	12.7	31.7	11.6	15.8	16.9	28.5	13.7	5.3	8.4
US Total	311.2	229.0	30.7	123.9	59.7	11.4	46.9	21.6	17.0	23.5	24.2	22.8	9.5	13.3

1996 MORTALITY BY CAUSE AND RACE/ETHNICITY

1996 Mortality Rates - American Indian Females

	All Causes	Infectious Diseases	HIV	Malignant Neoplasms	Lung Cancer	Colorectal Cancer	Breast Cancer	Cervical Cancer	Endocrine Metabolic	Obesity	Diabetes	Blood Disorders	Mental Disorders	Nervous System
Colorado	286.0	11.2	0.0	72.9	22.4	5.6	11.2	0.0	0.0	0.0	0.0	0.0	16.8	0.0
Montana	491.0	3.6	0.0	130.9	54.6	3.6	18.2	0.0	43.6	0.0	43.6	0.0	14.5	3.6
N. Dakota	560.1	20.2	0.0	108.0	33.7	27.0	13.5	0.0	47.2	0.0	47.2	0.0	6.7	6.7
S. Dakota	642.8	6.8	0.0	95.7	23.9	13.7	13.7	3.4	99.2	0.0	92.3	10.3	23.9	6.8
Utah	388.2	13.9	0.0	55.5	0.0	0.0	13.9	0.0	27.7	0.0	13.9	0.0	6.9	13.9
Wyoming	431.3	0.0	0.0	18.8	0.0	0.0	0.0	0.0	37.5	0.0	37.5	0.0	18.8	0.0
Region VIII	491.1	9.2	0.0	93.4	28.4	9.2	13.7	0.9	49.5	0.0	45.8	2.7	15.6	5.5
US Total	396.0	10.6	1.5	77.1	15.2	7.5	12.1	2.8	31.3	0.4	27.0	1.4	10.2	6.9

	Circulatory System	Heart Diseases	Hyper-tension	Ischemic Heart	Cerebro-vascular	Arterial Diseases	Respiratory Diseases	Pneum. Influenza	COPD	Digestive Disorders	Genito-urinary	Unintent'l Injuries	Motor Veh Accident	Other Accident
Colorado	67.3	44.9	5.6	22.4	16.8	0.0	28.0	22.4	5.6	33.6	16.8	28.0	22.4	5.6
Montana	130.9	83.7	0.0	36.4	40.0	7.3	40.0	7.3	25.5	50.9	10.9	32.7	14.5	18.2
N. Dakota	148.4	87.7	0.0	54.0	20.2	40.5	27.0	13.5	13.5	47.2	6.7	60.7	47.2	13.5
S. Dakota	150.5	112.8	6.8	68.4	23.9	13.7	41.0	23.9	6.8	61.5	6.8	54.7	30.8	23.9
Utah	55.5	41.6	0.0	27.7	13.9	0.0	27.7	20.8	6.9	34.7	13.9	62.4	55.5	6.9
Wyoming	168.8	112.5	0.0	56.3	56.3	0.0	37.5	37.5	0.0	37.5	56.3	18.8	0.0	18.8
Region VIII	120.0	81.5	2.7	44.9	26.6	11.0	34.8	18.3	11.9	47.6	12.8	44.9	29.3	15.6
US Total	120.1	86.7	5.5	49.7	25.5	5.4	32.2	13.8	13.4	29.8	10.6	35.6	21.8	13.8

1996 Mortality Rates - Asian/Pacific Islander Females

	All Causes	Infectious Diseases	HIV	Malignant Neoplasms	Lung Cancer	Colorectal Cancer	Breast Cancer	Cervical Cancer	Endocrine Metabolic	Obesity	Diabetes	Blood Disorders	Mental Disorders	Nervous System
Colorado	183.5	13.0	2.2	58.3	10.8	8.6	4.3	4.3	6.5	0.0	6.5	0.0	2.2	4.3
Montana	207.8	34.6	0.0	34.6	34.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34.6
N. Dakota	75.4	0.0	0.0	37.7	37.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S. Dakota	160.2	0.0	0.0	40.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Utah	233.6	8.2	4.1	61.5	12.3	4.1	12.3	0.0	24.6	0.0	16.4	0.0	0.0	0.0
Wyoming	238.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Region VIII	196.6	11.1	2.5	55.6	12.4	7.4	6.2	2.5	11.1	0.0	8.7	0.0	1.2	3.7
US Total	257.9	6.2	0.5	69.7	12.0	7.6	9.6	2.5	10.8	0.1	9.2	1.5	2.8	3.8

	Circulatory System	Heart Diseases	Hyper-tension	Ischemic Heart	Cerebro-vascular	Arterial Diseases	Respiratory Diseases	Pneum. Influenza	COPD	Digestive Disorders	Genito-urinary	Unintent'l Injuries	Motor Veh Accident	Other Accident
Colorado	41.0	15.1	0.0	8.6	17.3	8.6	10.8	0.0	8.6	6.5	4.3	10.8	8.6	2.2
Montana	34.6	34.6	0.0	0.0	0.0	0.0	34.6	0.0	34.6	0.0	0.0	0.0	0.0	0.0
N. Dakota	37.7	37.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S. Dakota	80.1	80.1	0.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0	40.0	0.0
Utah	65.6	32.8	4.1	28.7	28.7	0.0	16.4	12.3	4.1	0.0	16.4	20.5	20.5	0.0
Wyoming	143.0	47.7	0.0	0.0	47.7	0.0	47.7	47.7	0.0	0.0	0.0	47.7	47.7	0.0
Region VIII	51.9	24.7	1.2	14.8	19.8	4.9	13.6	4.9	7.4	3.7	7.4	14.8	13.6	1.2
US Total	100.8	66.8	5.8	41.0	27.5	3.9	20.3	10.2	6.5	7.5	5.9	11.8	7.4	4.4

1996 MORTALITY BY CAUSE AND RACE/ETHNICITY

1996 Mortality Rates - Hispanic Females

	All Causes	Infectious Diseases	HIV	Malignant Neoplasms	Lung Cancer	Colorectal Cancer	Breast Cancer	Cervical Cancer	Endocrine Metabolic	Obesity	Diabetes	Blood Disorders	Mental Disorders	Nervous System
Colorado	364.5	9.5	2.3	78.9	12.1	6.8	11.0	3.0	23.9	0.8	20.1	1.9	7.6	3.8
Montana	209.5	14.0	0.0	14.0	0.0	14.0	0.0	0.0	14.0	0.0	14.0	0.0	14.0	14.0
N. Dakota	126.2	0.0	0.0	31.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S. Dakota	169.5	28.3	0.0	28.3	0.0	0.0	0.0	28.3	0.0	0.0	0.0	0.0	0.0	0.0
Utah	242.5	3.4	0.0	51.2	6.8	10.2	10.2	3.4	17.1	0.0	15.4	1.7	6.8	5.1
Wyoming	431.1	0.0	0.0	111.5	0.0	14.9	7.4	0.0	14.9	0.0	14.9	0.0	7.4	0.0
Region VIII	339.3	8.3	1.7	73.2	10.3	7.7	10.3	3.1	21.7	0.6	18.6	1.7	7.4	4.0
US Total	289.1	12.5	5.9	62.0	7.8	5.5	11.3	2.7	20.0	0.3	17.3	1.5	3.4	5.8

	Circulatory System	Heart Diseases	Hyper-tension	Ischemic Heart	Cerebro-vascular	Arterial Diseases	Respiratory Diseases	Pneum. Influenza	COPD	Digestive Disorders	Genito-urinary	Unintent'l Injuries	Motor Veh Accident	Other Accident
Colorado	106.6	65.6	6.4	37.2	26.6	8.7	37.6	19.7	12.9	25.4	9.1	26.6	17.4	9.1
Montana	69.8	14.0	0.0	0.0	41.9	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
N. Dakota	31.5	31.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	63.1	0.0	0.0	0.0	0.0
S. Dakota	28.3	28.3	0.0	28.3	0.0	0.0	56.5	28.3	28.3	0.0	0.0	28.3	28.3	0.0
Utah	51.2	35.9	1.7	17.1	13.7	1.7	20.5	8.5	10.2	17.1	10.2	15.4	12.0	3.4
Wyoming	133.8	96.6	0.0	66.9	37.2	0.0	44.6	7.4	29.7	22.3	0.0	66.9	52.0	14.9
Region VIII	96.1	60.1	5.1	33.8	24.6	7.2	34.0	16.9	12.9	23.5	8.6	25.5	17.5	8.0
US Total	103.0	76.8	6.4	51.5	19.6	3.8	22.9	10.3	8.3	13.1	6.6	14.0	8.5	5.5

1996 MORTALITY FROM MENTAL DISORDERS BY CAUSE AND RACE/ETHNICITY

Incidence	1996 Mortality (Males + Females)											
	All Causes	All Mental Disorders	Senile Organic	Alcohol Psychoses	Other Psychoses	Alcohol Depend.	Drug Depend.	Other Mental Dis	Mental Re-tardation	Suicide	Homicide	Other Injuries
Colorado	25,723	787	390	10	201	120	2	60	4	694	214	57
Montana	7,707	210	101	4	59	23	0	22	1	174	37	20
N. Dakota	6,011	183	79	0	60	14	0	27	3	77	12	2
S. Dakota	6,797	196	68	4	72	26	0	24	2	124	16	6
Utah	11,112	306	120	3	103	45	3	25	7	287	66	120
Wyoming	3,602	87	38	4	19	15	0	11	0	88	15	8
Region VIII	60,952	1,769	796	25	514	243	5	169	17	1,444	360	213
US Total	2,314,690	44,010	19,978	399	11,374	5,264	335	6,256	404	30,903	20,971	3,463
Rates												
Colorado	672.9	20.6	10.2	0.3	5.3	3.1	0.1	1.6	0.1	18.2	5.6	1.5
Montana	876.4	23.9	11.5	0.5	6.7	2.6	0.0	2.5	0.1	19.8	4.2	2.3
N. Dakota	934.1	28.4	12.3	0.0	9.3	2.2	0.0	4.2	0.5	12.0	1.9	0.3
S. Dakota	928.0	26.8	9.3	0.5	9.8	3.5	0.0	3.3	0.3	16.9	2.2	0.8
Utah	555.5	15.3	6.0	0.1	5.1	2.2	0.1	1.2	0.3	14.3	3.3	6.0
Wyoming	748.2	18.1	7.9	0.8	3.9	3.1	0.0	2.3	0.0	18.3	3.1	1.7
Region VIII	712.1	20.7	9.3	0.3	6.0	2.8	0.1	2.0	0.2	16.9	4.2	2.5
US Total	872.5	16.6	7.5	0.2	4.3	2.0	0.1	2.4	0.2	11.6	7.9	1.3

Incidence	1996 Mortality - All Females											
	All Causes	All Mental Disorders	Senile Organic	Alcohol Psychoses	Other Psychoses	Alcohol Depend.	Drug Depend.	Other Mental Dis	Mental Re-tardation	Suicide	Homicide	Other Injuries
Colorado	12,825	484	267	2	147	35	0	32	1	125	60	16
Montana	3,644	139	78	0	41	7	0	12	1	23	10	5
N. Dakota	2,940	109	49	0	39	1	0	17	3	14	5	1
S. Dakota	3,243	111	46	0	49	2	0	13	1	19	5	0
Utah	5,329	183	85	1	66	14	2	12	3	47	20	23
Wyoming	1,778	54	26	1	16	4	0	7	0	14	7	2
Region VIII	29,759	1,080	551	4	358	63	2	93	9	242	107	47
US Total	1,151,121	26,255	13,695	67	7,733	1,179	95	3,313	173	5,905	4,702	940
Rates												
Colorado	665.7	25.1	13.9	0.1	7.6	1.8	0.0	1.7	0.1	6.5	3.1	0.8
Montana	825.8	31.5	17.7	0.0	9.3	1.6	0.0	2.7	0.2	5.2	2.3	1.1
N. Dakota	912.7	33.8	15.2	0.0	12.1	0.3	0.0	5.3	0.9	4.3	1.6	0.3
S. Dakota	873.3	29.9	12.4	0.0	13.2	0.5	0.0	3.5	0.3	5.1	1.3	0.0
Utah	530.9	18.2	8.5	0.1	6.6	1.4	0.2	1.2	0.3	4.7	2.0	2.3
Wyoming	743.9	22.6	10.9	0.4	6.7	1.7	0.0	2.9	0.0	5.9	2.9	0.8
Region VIII	691.4	25.1	12.8	0.1	8.3	1.5	0.0	2.2	0.2	5.6	2.5	1.1
US Total	849.7	19.4	10.1	0.0	5.7	0.9	0.1	2.4	0.1	4.4	3.5	0.7

1996 MORTALITY FROM MENTAL DISORDERS BY CAUSE AND RACE/ETHNICITY

Incidence	1996 Mortality - White Females											
	All Causes	All Mental Disorders	Senile Organic	Alcohol Psychoses	Other Psychoses	Alcohol Depend.	Drug Depend.	Other Mental Dis	Mental Re-tardation	Suicide	Homicide	Other Injuries
Colorado	12,293	476	264	2	146	32	0	32	0	122	53	14
Montana	3,498	135	78	0	39	6	0	11	1	20	9	4
N. Dakota	2,853	108	49	0	39	1	0	17	2	11	3	1
S. Dakota	3,046	104	44	0	48	1	0	10	1	18	1	0
Utah	5,191	181	85	1	65	14	2	12	2	43	16	22
Wyoming	1,741	53	26	1	16	4	0	6	0	14	6	2
Region VIII	28,622	1,057	546	4	353	58	2	88	6	228	88	43
US Total	1,000,982	24,199	12,877	62	7,205	906	70	3,078	141	5,309	2,747	756
Rates												
Colorado	690.0	26.7	14.8	0.1	8.2	1.8	0.0	1.8	0.0	6.8	3.0	0.8
Montana	854.2	33.0	19.0	0.0	9.5	1.5	0.0	2.7	0.2	4.9	2.2	1.0
N. Dakota	941.9	35.7	16.2	0.0	12.9	0.3	0.0	5.6	0.7	3.6	1.0	0.3
S. Dakota	901.7	30.8	13.0	0.0	14.2	0.3	0.0	3.0	0.3	5.3	0.3	0.0
Utah	542.1	18.9	8.9	0.1	6.8	1.5	0.2	1.3	0.2	4.5	1.7	2.3
Wyoming	757.8	23.1	11.3	0.4	7.0	1.7	0.0	2.6	0.0	6.1	2.6	0.9
Region VIII	712.1	26.3	13.6	0.1	8.8	1.4	0.0	2.2	0.1	5.7	2.2	1.1
US Total	896.2	21.7	11.5	0.1	6.5	0.8	0.1	2.8	0.1	4.8	2.5	0.7

Incidence	1996 Mortality - Black Females											
	All Causes	All Mental Disorders	Senile Organic	Alcohol Psychoses	Other Psychoses	Alcohol Depend.	Drug Depend.	Other Mental Dis	Mental Re-tardation	Suicide	Homicide	Other Injuries
Colorado	396	4	2	0	1	0	0	0	1	1	3	2
Montana	5	0	0	0	0	0	0	0	0	0	0	0
N. Dakota	2	0	0	0	0	0	0	0	0	0	0	0
S. Dakota	5	0	0	0	0	0	0	0	0	0	0	0
Utah	25	1	0	0	1	0	0	0	0	0	0	0
Wyoming	9	0	0	0	0	0	0	0	0	0	0	0
Region VIII	442	5	2	0	2	0	0	0	1	1	3	2
US Total	132,617	1,800	726	5	458	224	23	366	29	344	1,800	162
Rates												
Colorado	491.1	5.0	2.5	0.0	1.2	0.0	0.0	0.0	1.2	1.2	3.7	2.5
Montana	366.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
N. Dakota	113.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S. Dakota	282.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Utah	338.7	13.5	0.0	0.0	13.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wyoming	485.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Region VIII	466.4	5.3	2.1	0.0	2.1	0.0	0.0	0.0	1.1	1.1	3.2	2.1
US Total	753.5	10.2	4.1	0.0	2.6	1.3	0.1	2.1	0.2	2.0	10.2	0.9

1996 MORTALITY FROM MENTAL DISORDERS BY CAUSE AND RACE/ETHNICITY

Incidence	1996 Mortality - American Indian Females											
	All Causes	All Mental Disorders	Senile Organic	Alcohol Psychoses	Other Psychoses	Alcohol Depend.	Drug Depend.	Other Mental Dis	Mental Re-tardation	Suicide	Homicide	Other Injuries
Colorado	51	3	0	0	0	3	0	0	0	0	2	0
Montana	135	4	0	0	2	1	0	1	0	3	0	1
N. Dakota	83	1	0	0	0	0	0	0	1	3	2	0
S. Dakota	188	7	2	0	1	1	0	3	0	1	4	0
Utah	56	1	0	0	0	0	0	0	1	4	3	1
Wyoming	23	1	0	0	0	0	0	1	0	0	1	0
Region VIII	536	17	2	0	3	5	0	5	2	11	12	2
US Total	4,564	117	17	0	21	47	2	28	2	65	51	11
Rates												
Colorado	286.0	16.8	0.0	0.0	0.0	16.8	0.0	0.0	0.0	0.0	11.2	0.0
Montana	491.0	14.5	0.0	0.0	7.3	3.6	0.0	3.6	0.0	10.9	0.0	3.6
N. Dakota	560.1	6.7	0.0	0.0	0.0	0.0	0.0	0.0	6.7	20.2	13.5	0.0
S. Dakota	642.8	23.9	6.8	0.0	3.4	3.4	0.0	10.3	0.0	3.4	13.7	0.0
Utah	388.2	6.9	0.0	0.0	0.0	0.0	0.0	0.0	6.9	27.7	20.8	6.9
Wyoming	431.3	18.8	0.0	0.0	0.0	0.0	0.0	18.8	0.0	0.0	18.8	0.0
Region VIII	491.1	15.6	1.8	0.0	2.7	4.6	0.0	4.6	1.8	10.1	11.0	1.8
US Total	396.0	10.2	1.5	0.0	1.8	4.1	0.2	2.4	0.2	5.6	4.4	1.0

Incidence	1996 Mortality - Asian/Pacific Islander Females											
	All Causes	All Mental Disorders	Senile Organic	Alcohol Psychoses	Other Psychoses	Alcohol Depend.	Drug Depend.	Other Mental Dis	Mental Re-tardation	Suicide	Homicide	Other Injuries
Colorado	85	1	1	0	0	0	0	0	0	2	2	0
Montana	6	0	0	0	0	0	0	0	0	0	1	0
N. Dakota	2	0	0	0	0	0	0	0	0	0	0	0
S. Dakota	4	0	0	0	0	0	0	0	0	0	0	0
Utah	57	0	0	0	0	0	0	0	0	0	1	0
Wyoming	5	0	0	0	0	0	0	0	0	0	0	0
Region VIII	159	1	1	0	0	0	0	0	0	2	4	0
US Total	12,958	139	75	0	49	2	0	12	1	187	104	11
Rates												
Colorado	183.5	2.2	2.2	0.0	0.0	0.0	0.0	0.0	0.0	4.3	4.3	0.0
Montana	207.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34.6	0.0
N. Dakota	75.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S. Dakota	160.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Utah	233.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	0.0
Wyoming	238.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Region VIII	196.6	1.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	2.5	4.9	0.0
US Total	257.9	2.8	1.5	0.0	1.0	0.0	0.0	0.2	0.0	3.7	2.1	0.2

1996 MORTALITY FROM MENTAL DISORDERS BY CAUSE AND RACE/ETHNICITY

Incidence	1996 Mortality - Hispanic Females											
	All Causes	All Mental Disorders	Senile Organic	Alcohol Psychoses	Other Psychoses	Alcohol Depend.	Drug Depend.	Other Mental Dis	Mental Re-tardation	Suicide	Homicide	Other Injuries
Colorado	961	20	7	0	5	3	0	5	0	8	12	2
Montana	15	1	1	0	0	0	0	0	0	0	0	1
N. Dakota	4	0	0	0	0	0	0	0	0	0	0	0
S. Dakota	6	0	0	0	0	0	0	0	0	0	0	0
Utah	142	4	0	0	2	1	0	0	1	5	4	3
Wyoming	58	1	1	0	0	0	0	0	0	2	1	0
Region VIII	1,186	26	9	0	7	4	0	5	1	15	17	6
US Total	39,747	469	204	1	92	42	8	110	13	282	478	53
Rates												
Colorado	364.5	7.6	2.7	0.0	1.9	1.1	0.0	1.9	0.0	3.0	4.6	0.8
Montana	209.5	14.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0
N. Dakota	126.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S. Dakota	169.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Utah	242.5	6.8	0.0	0.0	3.4	1.7	0.0	0.0	1.7	8.5	6.8	5.1
Wyoming	431.1	7.4	7.4	0.0	0.0	0.0	0.0	0.0	0.0	14.9	7.4	0.0
Region VIII	339.3	7.4	2.6	0.0	2.0	1.1	0.0	1.4	0.3	4.3	4.9	1.7
US Total	289.1	3.4	1.5	0.0	0.7	0.3	0.1	0.8	0.1	2.1	3.5	0.4

1996 PERCENT OF TOTAL BIRTHS BY AGE AND RACE/ETHNICITY

	1996 Percent of Total Births to Females Under 15					1996 Percent of Total Births to Females 15-17				
	White	Black	American Indian	Asian/Pac Islander	Hispanic	White	Black	American Indian	Asian/Pac Islander	Hispanic
Colorado	0.2%	0.7%	0.7%	0.3%	0.6%	4.2%	7.3%	6.5%	3.3%	8.9%
Montana	0.1%	0.0%	0.6%	0.9%	1.0%	3.4%	10.5%	9.9%	1.8%	11.7%
N. Dakota	0.0%	0.0%	0.5%	0.0%	0.0%	2.3%	5.6%	8.7%	1.0%	2.2%
S. Dakota	0.1%	0.0%	0.5%	0.0%	0.0%	2.9%	3.6%	9.4%	2.1%	6.8%
Utah	0.1%	0.9%	0.6%	0.3%	0.4%	3.4%	6.5%	6.8%	1.7%	8.2%
Wyoming	0.0%	0.0%	0.5%	0.0%	0.4%	4.8%	6.1%	11.1%	3.2%	9.9%
Region VII	0.1%	0.7%	0.6%	0.3%	0.5%	3.7%	7.1%	8.8%	2.5%	8.8%
Total US	0.2%	0.9%	0.5%	0.1%	0.4%	4.0%	9.4%	8.2%	1.9%	6.9%

	1996 Percent of Total Births to Females 18-19					1996 Percent of Total Births to Females 20-24				
	White	Black	American Indian	Asian/Pac Islander	Hispanic	White	Black	American Indian	Asian/Pac Islander	Hispanic
Colorado	7.1%	12.4%	13.7%	3.9%	12.8%	22.9%	31.6%	29.0%	19.5%	33.5%
Montana	7.4%	10.5%	13.7%	7.3%	11.4%	25.3%	31.6%	34.8%	14.5%	24.8%
N. Dakota	6.0%	7.9%	12.4%	6.8%	17.5%	25.0%	38.2%	34.4%	16.5%	32.1%
S. Dakota	6.4%	14.5%	13.0%	3.1%	8.9%	23.9%	41.0%	35.8%	30.2%	39.0%
Utah	7.0%	12.7%	11.6%	4.7%	11.1%	31.4%	37.0%	35.5%	24.4%	32.9%
Wyoming	9.1%	18.4%	13.4%	4.8%	11.7%	31.4%	36.7%	31.5%	11.3%	35.9%
Region VII	7.1%	12.4%	13.0%	4.4%	12.3%	26.5%	32.7%	34.3%	21.2%	33.4%
Total US	7.2%	12.5%	12.3%	3.2%	10.1%	23.5%	30.2%	32.1%	16.3%	30.5%

	1996 Percent of Total Births to Females 25-44					1996 Percent of Total Births to Females 45+				
	White	Black	American Indian	Asian/Pac Islander	Hispanic	White	Black	American Indian	Asian/Pac Islander	Hispanic
Colorado	65.4%	48.0%	50.2%	72.6%	44.1%	0.1%	0.0%	0.0%	0.4%	0.1%
Montana	63.8%	47.4%	41.1%	73.6%	50.7%	0.1%	0.0%	0.0%	1.8%	0.3%
N. Dakota	66.6%	48.3%	44.1%	75.7%	48.2%	0.0%	0.0%	0.0%	0.0%	0.0%
S. Dakota	66.8%	41.0%	41.3%	64.6%	45.2%	0.0%	0.0%	0.0%	0.0%	0.0%
Utah	58.0%	42.9%	45.5%	68.8%	47.3%	0.0%	0.0%	0.0%	0.1%	0.0%
Wyoming	54.6%	38.8%	43.5%	80.6%	42.1%	0.1%	0.0%	0.0%	0.0%	0.0%
Region VII	62.5%	47.2%	43.3%	71.2%	44.9%	0.1%	0.0%	0.0%	0.3%	0.0%
Total US	65.1%	47.0%	47.0%	78.2%	52.0%	0.1%	0.0%	0.0%	0.2%	0.1%

APPENDIX D

COUNTY-LEVEL DETAILED DATA

A number of county-level tables are presented in this appendix. Because of the importance of the information, care has been taken to present the full extent of data considered to be useful. As noted throughout this document, the small total populations in the majority of counties, coupled with the small numbers of non-White members of the populations, makes meaningful data presentations difficult when examining data for other than White females. Further, when the data are presented by age the issue is even more pronounced. The tables presented in this appendix have been selected to maximize the utility of the data collected.

The following county-level tables are presented:

- Population #1 – presents the total female population by races/ethnicity for all ages. Pages D-3 through D-7
- Population #2 - presents the total female population by various age cohorts. Pages D-8 through D-12
- Demographics – presents a variety of demographic indicators. Pages D-13 through D-17
- Mortality #1 – presents the number of female deaths per 100,000 females from all causes and from each of the top seven causes. Pages D-18 through D-22
- Mortality #2 – presents the number of female deaths per 100,000 females from all causes by race and ethnicity; the very large values result from small numbers of occurrences in counties with small populations. Pages D-23 through D-27
- Infectious diseases – presents disease incidence data provided by the states. As is noted, three of the states provided only state-level data. Pages D-28 through D-30
- Incidence of cancer – presents data provided by the states on the incidence of various causes of cancer in women. As noted, South Dakota and Utah only provided state-level data and no data was available at this time for North Dakota since its registry is new. Pages D-31 through D-33

- Indicators of reproductive health – presents various indicators of reproductive health. Pages D-34 through D-38
- Births by race/ethnicity – presents the number of births by race and ethnicity. Small numbers of births (i.e., 1, 2, and 3) are suppressed and replaced with an asterisk, as is required by NCHS. Pages D-39 through D-43
- Low birthweight births – presents the percent of births that are considered low birthweight, by race and ethnicity of the mother. Pages D-44 through D-48
- Violence – presents 1996 FBI incidence data for each county along with the rate per 100,000 total population; gender-specific data were not available. Pages D-49 through D-53
- Distribution of MDs – shows the number of MDs, by specialties of interest, for each county. Pages D-54 through D-58
- Distribution of hospital resources – presents the number of facilities, beds, and representative services offered in each county. Pages D-59 through D-63

FIPS Code	County Name	1996 POPULATION						
		TOTAL	FEMALE by RACE/ETHNICITY					
			Total	White	Black	American Indian	Asian/Pac Islander	Hispanic
08	COLORADO	3,822,676	1,926,408	1,781,613	80,632	17,834	46,329	263,637
08001	Adams, CO	309928	156032	143935	5424	1563	5110	31803
08003	Alamosa, CO	14300	7241	7066	31	73	71	2994
08005	Arapahoe, CO	455035	233421	208683	14746	1328	8664	14567
08007	Archuleta, CO	7953	3882	3765	10	79	28	959
08009	Baca, CO	4491	2274	2235	1	28	10	122
08011	Bent, CO	5478	2657	2605	12	23	17	793
08013	Boulder, CO	258234	128998	123137	1108	816	3937	9623
08015	Chaffee, CO	14672	6897	6810	2	58	27	604
08017	Cheyenne, CO	2323	1134	1125	0	6	3	26
08019	Clear Creek, CO	8448	4045	3986	12	23	24	137
08021	Conejos, CO	7869	3907	3873	5	13	16	2468
08023	Costilla, CO	3567	1780	1746	7	9	18	1409
08025	Crowley, CO	4200	1611	1560	1	28	22	373
08027	Custer, CO	3062	1520	1498	0	18	4	57
08029	Delta, CO	25563	12826	12671	9	97	49	1224
08031	Denver, CO	497840	255687	207796	36647	3614	7630	63078
08033	Dolores, CO	1677	822	794	0	27	1	32
08035	Douglas, CO	111647	55328	53958	413	279	678	1992
08037	Eagle, CO	30525	14420	14227	33	90	70	2211
08039	Elbert, CO	16209	8076	7922	37	59	58	212
08041	El Paso, CO	472924	236979	208395	17325	2086	9173	23678
08043	Fremont, CO	41694	18817	18336	199	184	98	1510
08045	Garfield, CO	36499	17892	17634	21	134	103	1049
08047	Gilpin, CO	3725	1739	1702	2	25	10	62
08049	Grand, CO	9536	4469	4423	4	14	28	163
08051	Gunnison, CO	12148	5719	5600	33	49	37	248
08053	Hinsdale, CO	666	313	308	2	3	0	5
08055	Huerfano, CO	6564	3336	3277	10	40	9	1425
08057	Jackson, CO	1521	711	695	0	15	1	54
08059	Jefferson, CO	492528	249376	240700	1645	1478	5553	19539
08061	Kiowa, CO	1646	832	824	0	8	0	25
08063	Kit Carson, CO	7218	3645	3613	7	15	10	252
08065	Lake, CO	6212	3002	2954	2	26	20	792
08067	La Plata, CO	39453	19584	18349	40	1071	124	2505
08069	Larimer, CO	221725	111984	108544	652	727	2061	8238
08071	Las Animas, CO	14485	7379	7263	8	73	35	3493
08073	Lincoln, CO	5578	2406	2375	2	18	11	39
08075	Logan, CO	18021	9264	9194	19	22	29	771
08077	Mesa, CO	108371	55626	54489	226	390	521	4995
08079	Mineral, CO	681	334	329	0	5	0	18
08081	Moffat, CO	12086	5936	5851	3	45	37	357
08083	Montezuma, CO	21999	11272	9992	2	1236	42	1026
08085	Montrose, CO	29601	15087	14885	43	89	70	1871
08087	Morgan, CO	24788	12604	12398	40	108	58	2420
08089	Otero, CO	20901	10749	10467	60	129	93	4025
08091	Ouray, CO	3140	1548	1534	0	13	1	76
08093	Park, CO	11602	5636	5524	39	45	28	204
08095	Phillips, CO	4340	2274	2263	0	3	8	86
08097	Pitkin, CO	13489	6383	6254	16	26	87	224
08099	Prowers, CO	13689	6988	6898	11	57	22	1741
08101	Pueblo, CO	131217	67296	64900	1313	551	532	25913
08103	Rio Blanco, CO	6348	3115	3077	3	21	14	124
08105	Rio Grande, CO	11319	5721	5657	3	51	10	2476
08107	Routt, CO	16975	7923	7848	5	38	32	246
08109	Saguache, CO	5784	2813	2719	3	83	8	1360
08111	San Juan, CO	564	255	253	0	2	0	47
08113	San Miguel, CO	5208	2436	2415	0	10	11	89
08115	Sedgwick, CO	2651	1345	1320	4	8	13	125
08117	Summit, CO	17896	8177	8018	20	60	79	222
08119	Teller, CO	18717	9144	8990	17	81	56	278
08121	Washington, CO	4673	2345	2335	1	6	3	69
08123	Weld, CO	152189	76676	74927	353	538	858	16968
08125	Yuma, CO	9284	4720	4692	1	20	7	145
30	MONTANA	879,372	441,261	409,518	1,363	27,493	2,887	7,161
30001	Beaverhead, MT	9144	4478	4372	3	84	19	73
30003	Big Horn, MT	12308	6227	2560	12	3617	38	153
30005	Blaine, MT	7114	3538	2058	4	1471	5	24
30007	Broadwater, MT	4012	1960	1922	0	33	5	17
30009	Carbon, MT	9248	4726	4688	3	25	10	54
30011	Carter, MT	1489	717	710	0	6	1	5
30013	Cascade, MT	81087	40997	38023	584	1821	569	773

FIPS Code	County Name	1996 POPULATION TOTAL	FEMALE by RACE/ETHNICITY Total	White	Black	American Indian	Asian/Pac Islander	Hispanic
30015	Chouteau, MT	5361	2612	2501	8	98	5	12
30017	Custer, MT	12285	6257	6149	4	90	14	87
30019	Daniels, MT	2136	1083	1065	0	4	14	9
30021	Dawson, MT	9085	4558	4496	1	42	19	38
30023	Deer Lodge, MT	10093	5079	4922	12	132	13	90
30025	Fallon, MT	2992	1504	1469	8	8	19	22
30027	Fergus, MT	12697	6432	6350	1	69	12	37
30029	Flathead, MT	71253	35690	34881	35	589	185	385
30031	Gallatin, MT	60565	29391	28696	46	396	253	401
30033	Garfield, MT	1410	690	683	0	3	4	2
30035	Glacier, MT	12675	6420	2620	4	3790	6	44
30037	Golden Valley, MT	984	485	476	0	6	3	3
30039	Granite, MT	2585	1232	1213	0	14	5	5
30041	Hill, MT	17730	8915	7298	2	1561	54	82
30043	Jefferson, MT	9668	4710	4634	5	63	8	52
30045	Judith Basin, MT	2278	1107	1097	0	4	6	8
30047	Lake, MT	24921	12404	9692	10	2678	24	202
30049	Lewis And Clark, MT	53345	27105	26161	35	724	185	369
30051	Liberty, MT	2311	1191	1127	25	14	25	51
30053	Lincoln, MT	18833	9314	9107	9	164	34	120
30055	Mccone, MT	2055	1009	1000	0	7	2	7
30057	Madison, MT	6773	3259	3224	0	25	10	55
30059	Meagher, MT	1798	856	851	0	3	2	14
30061	Mineral, MT	3719	1834	1774	3	44	13	21
30063	Missoula, MT	88523	44732	42909	106	1169	548	579
30065	Musselshell, MT	4675	2323	2304	2	11	6	21
30067	Park, MT	16143	8256	8086	62	56	52	160
30069	Petroleum, MT	533	245	243	0	2	0	0
30071	Phillips, MT	5025	2543	2306	1	228	8	17
30073	Pondera, MT	6344	3177	2776	0	386	15	21
30075	Powder River, MT	1930	946	927	0	16	3	8
30077	Powell, MT	7115	2876	2800	0	59	17	23
30079	Prairie, MT	1392	660	651	0	5	4	9
30081	Ravalli, MT	33586	16876	16562	17	231	66	269
30083	Richland, MT	10313	5186	5080	5	85	16	145
30085	Roosevelt, MT	11065	5667	2753	9	2885	20	51
30087	Rosebud, MT	10457	5100	3574	17	1481	28	103
30089	Sanders, MT	10140	4951	4626	7	290	28	70
30091	Sheridan, MT	4363	2211	2173	0	30	8	17
30093	Silver Bow, MT	34634	17551	17150	31	283	87	440
30095	Stillwater, MT	7653	3799	3751	1	41	6	63
30097	Sweet Grass, MT	3437	1748	1733	1	9	5	3
30099	Teton, MT	6371	3184	3121	1	56	6	22
30101	Toole, MT	4918	2484	2398	7	67	12	19
30103	Treasure, MT	866	427	417	0	8	2	15
30105	Valley, MT	8363	4161	3718	0	435	8	36
30107	Wheatland, MT	2420	1187	1164	0	16	7	13
30109	Wibaux, MT	1146	566	563	0	2	1	2
30111	Yellowstone, MT	125966	64605	61894	282	2057	372	1840
30113	Yellowstone Park, MT	40	20	20	0	0	0	0
38	NORTH DAKOTA	643,539	322,131	302,901	1,758	14,820	2,652	3,170
38001	Adams, ND	2841	1430	1425	2	3	0	0
38003	Barnes, ND	12114	6196	6119	17	34	26	15
38005	Benson, ND	6905	3393	1967	0	1423	3	13
38007	Billings, ND	1129	534	533	0	1	0	0
38009	Bottineau, ND	7538	3734	3688	0	32	14	2
38011	Bowman, ND	3303	1675	1671	0	1	3	3
38013	Burke, ND	2469	1233	1220	0	4	9	11
38015	Burleigh, ND	65681	33718	32494	33	1013	178	261
38017	Cass, ND	113343	56660	55209	160	607	684	527
38019	Cavalier, ND	5270	2647	2616	2	28	1	5
38021	Dickey, ND	5676	2870	2844	1	14	11	24
38023	Divide, ND	2523	1261	1250	0	6	5	3
38025	Dunn, ND	3751	1825	1609	0	207	9	25
38027	Eddy, ND	2876	1448	1423	0	24	1	3
38029	Emmons, ND	4443	2170	2167	0	3	0	5
38031	Foster, ND	3866	1982	1961	0	18	3	6
38033	Golden Valley, ND	1932	954	944	0	7	3	0
38035	Grand Forks, ND	71450	34971	32803	719	798	651	709
38037	Grant, ND	3114	1525	1502	0	20	3	6
38039	Griggs, ND	2984	1483	1477	0	4	2	1
38041	Hettinger, ND	2982	1497	1488	0	5	4	1

FIPS Code	County Name	1996 POPULATION TOTAL	FEMALE by RACE/ETHNICITY Total	White	Black	American Indian	Asian/Pac Islander	Hispanic
38043	Kidder, ND	2997	1455	1452	0	0	3	4
38045	La Moure, ND	4970	2459	2457	0	2	0	5
38047	Logan, ND	2443	1201	1197	0	3	1	3
38049	Mchenry, ND	6161	3022	3005	1	5	11	7
38051	Mcintosh, ND	3642	1883	1874	0	4	5	5
38053	Mckenzie, ND	5851	2839	2364	0	473	2	17
38055	Mclean, ND	9897	4893	4585	0	296	12	16
38057	Mercer, ND	9548	4721	4569	6	104	42	31
38059	Morton, ND	24422	12308	11989	5	253	61	47
38061	Mountrail, ND	6753	3386	2592	2	784	8	10
38063	Nelson, ND	3905	1972	1968	1	1	2	2
38065	Oliver, ND	2234	1053	1035	0	18	0	1
38067	Pembina, ND	8741	4407	4324	3	74	6	51
38069	Pierce, ND	4718	2368	2349	2	11	6	0
38071	Ramsey, ND	12455	6328	5957	12	335	24	29
38073	Ransom, ND	5794	2803	2781	3	8	11	12
38075	Renville, ND	2843	1416	1394	5	10	7	2
38077	Richland, ND	18162	8781	8477	14	240	50	43
38079	Rolette, ND	14029	7075	2183	17	4863	12	46
38081	Sargent, ND	4441	2150	2142	0	4	4	5
38083	Sheridan, ND	1859	892	887	0	5	0	0
38085	Sioux, ND	4095	1976	401	0	1562	13	18
38087	Slope, ND	827	392	389	0	3	0	0
38089	Stark, ND	22694	11519	11328	15	97	79	99
38091	Steele, ND	2277	1120	1116	0	3	1	4
38093	Stutsman, ND	21338	10897	10742	21	72	62	57
38095	Towner, ND	3209	1611	1580	2	24	5	1
38097	Traill, ND	8706	4416	4366	1	32	17	69
38099	Walsh, ND	12799	6412	6320	13	47	32	256
38101	Ward, ND	59734	30042	28222	679	617	524	615
38103	Wells, ND	5271	2722	2714	0	6	2	4
38105	Williams, ND	20534	10406	9732	22	612	40	91
46	SOUTH DAKOTA	732,405	371,331	337,819	1,770	29,245	2,497	3,539
46003	Aurora, SD	3038	1490	1480	0	8	2	1
46005	Beadle, SD	18149	9271	9151	16	77	27	42
46007	Bennett, SD	3379	1737	879	6	850	2	15
46009	Bon Homme, SD	7032	3425	3369	5	50	1	26
46011	Brookings, SD	26394	12885	12585	41	82	177	74
46013	Brown, SD	35829	18601	17900	25	564	112	71
46015	Brule, SD	5541	2777	2570	3	201	3	14
46017	Buffalo, SD	1805	858	190	0	668	0	0
46019	Butte, SD	9039	4535	4401	18	96	20	159
46021	Campbell, SD	1893	934	923	7	1	3	9
46023	Charles Mix, SD	9395	4774	3626	0	1146	2	21
46025	Clark, SD	4373	2171	2159	2	6	4	8
46027	Clay, SD	13639	6983	6577	28	264	114	55
46029	Codington, SD	25099	12844	12620	6	163	55	54
46031	Corson, SD	4269	2106	1010	0	1092	4	19
46033	Custer, SD	6828	3365	3249	6	96	14	40
46035	Davison, SD	17769	9260	9051	12	147	50	24
46037	Day, SD	6567	3322	3047	0	270	5	8
46039	Deuel, SD	4578	2211	2197	0	7	7	9
46041	Dewey, SD	5772	2964	858	13	2086	7	13
46043	Douglas, SD	3577	1816	1807	0	8	1	0
46045	Edmunds, SD	4394	2208	2194	0	12	2	3
46047	Fall River, SD	7164	3448	3181	13	233	21	79
46049	Faulk, SD	2581	1291	1285	0	5	1	3
46051	Grant, SD	8054	4052	4017	1	19	15	4
46053	Gregory, SD	5125	2618	2468	0	147	3	15
46055	Haakon, SD	2514	1288	1257	3	18	10	6
46057	Hamlin, SD	5359	2716	2697	2	9	8	10
46059	Hand, SD	4143	2104	2088	0	5	11	10
46061	Hanson, SD	2942	1461	1455	0	6	0	1
46063	Harding, SD	1559	770	702	27	19	22	55
46065	Hughes, SD	15531	8102	7454	14	603	31	65
46067	Hutchinson, SD	8129	4110	4088	0	15	7	8
46069	Hyde, SD	1648	860	830	0	27	3	4
46071	Jackson, SD	2909	1460	808	0	648	4	5
46073	Jerauld, SD	2310	1162	1152	0	4	6	0
46075	Jones, SD	1262	607	603	0	3	1	0
46077	Kingsbury, SD	5877	3015	3004	0	7	4	4
46079	Lake, SD	10656	5451	5401	8	20	22	32

FIPS Code	County Name	1996 POPULATION TOTAL	FEMALE by RACE/ETHNICITY Total	White	Black	American Indian	Asian/Pac Islander	Hispanic
46081	Lawrence, SD	22371	11314	10923	7	336	48	242
46083	Lincoln, SD	18377	9176	9086	14	40	36	19
46085	Lyman, SD	3849	1900	1282	3	609	6	10
46087	Mc Cook, SD	5808	2941	2920	0	16	5	5
46089	Mc Pherson, SD	2950	1517	1511	2	1	3	0
46091	Marshall, SD	4699	2353	2195	0	156	2	7
46093	Meade, SD	22592	10944	10313	263	234	134	246
46095	Mellette, SD	2023	1009	502	1	503	3	10
46097	Miner, SD	3014	1499	1494	2	2	1	6
46099	Minnehaha, SD	138221	71578	69625	406	976	571	504
46101	Moody, SD	6608	3291	2971	6	308	6	13
46103	Pennington, SD	87145	43883	38756	726	3633	768	1130
46105	Perkins, SD	3647	1824	1784	7	29	4	9
46107	Potter, SD	2983	1521	1499	0	20	2	3
46109	Roberts, SD	9857	4905	3665	0	1232	8	13
46111	Sanborn, SD	2759	1358	1321	17	3	17	40
46113	Shannon, SD	11837	5917	267	5	5641	4	78
46115	Spink, SD	7746	3959	3922	1	34	2	13
46117	Stanley, SD	2961	1477	1376	0	101	0	9
46119	Sully, SD	1593	771	762	0	9	0	2
46121	Todd, SD	9246	4687	701	3	3980	3	60
46123	Tripp, SD	6861	3442	3045	0	392	5	4
46125	Turner, SD	8630	4403	4381	1	16	5	16
46127	Union, SD	11644	5878	5816	15	24	23	65
46129	Walworth, SD	5784	3009	2717	0	283	9	14
46135	Yankton, SD	20848	10600	10305	27	219	49	42
46137	Ziebach, SD	2230	1123	347	8	766	2	13
49	UTAH	2,000,494	1,003,856	957,644	7,382	14,425	24,405	58,568
49001	Beaver, UT	5591	2839	2806	5	13	15	98
49003	Box Elder, UT	39177	19579	19024	13	254	288	1042
49005	Cache, UT	83710	41637	39853	116	339	1329	1170
49007	Carbon, UT	20437	10433	10213	39	97	84	1402
49009	Daggett, UT	752	367	360	0	4	3	11
49011	Davis, UT	214990	106783	102251	1236	625	2671	5069
49013	Duchesne, UT	13778	6787	6345	13	394	35	238
49015	Emery, UT	10402	5078	5024	7	28	19	130
49017	Garfield, UT	4076	1984	1937	0	39	8	19
49019	Grand, UT	7826	4001	3855	2	122	22	213
49021	Iron, UT	26875	13502	12984	16	421	81	298
49023	Juab, UT	6845	3431	3366	3	50	12	47
49025	Kane, UT	5751	2838	2779	3	43	13	65
49027	Millard, UT	12019	5947	5773	7	103	64	236
49029	Morgan, UT	6660	3298	3269	3	8	18	54
49031	Piute, UT	1404	682	677	0	4	1	6
49033	Rich, UT	1799	873	853	8	5	7	23
49035	Salt Lake, UT	827818	415809	394188	3848	3682	14091	30241
49037	San Juan, UT	13221	6636	2940	6	3667	23	275
49039	Sanpete, UT	19883	9728	9455	0	90	183	334
49041	Sevier, UT	17156	8631	8400	11	199	21	201
49043	Summit, UT	23988	11678	11522	18	52	86	273
49045	Tooele, UT	29558	14538	13986	125	252	175	1857
49047	Uintah, UT	24472	12323	10864	10	1384	65	471
49049	Utah, UT	319694	161733	157229	210	1238	3056	6232
49051	Wasatch, UT	12046	5975	5915	3	37	20	179
49053	Washington, UT	73161	37059	36171	36	564	288	813
49055	Wayne, UT	2371	1134	1112	3	17	2	11
49057	Weber, UT	175034	88553	84493	1641	694	1725	7560
56	WYOMING	481,400	239,025	229,739	1,855	5,333	2,098	13,455
56001	Albany, WY	30831	14763	14179	87	128	369	983
56003	Big Horn, WY	11276	5604	5561	1	27	15	289
56005	Campbell, WY	32012	15609	15289	35	204	81	521
56007	Carbon, WY	15855	7382	7233	32	51	66	1023
56009	Converse, WY	11989	6062	5974	8	55	25	297
56011	Crook, WY	5763	2854	2834	1	16	3	18
56013	Fremont, WY	35940	18047	14514	21	3439	73	667
56015	Goshen, WY	12731	6532	6462	3	57	10	547
56017	Hot Springs, WY	4627	2334	2280	4	50	0	25
56019	Johnson, WY	6690	3371	3338	0	32	1	43
56021	Laramie, WY	79175	39595	37401	1165	318	711	4083
56023	Lincoln, WY	13971	6805	6727	3	47	28	139
56025	Natrona, WY	63875	32419	31724	262	237	196	1180
56027	Niobrara, WY	2637	1414	1390	9	13	2	21

FIPS Code	County Name	1996 POPULATION TOTAL	FEMALE by RACE/ETHNICITY Total	White	Black	American Indian	Asian/Pac Islander	Hispanic
56029	Park, WY	25373	12816	12648	6	84	78	438
56031	Platte, WY	8425	4233	4213	2	11	7	185
56033	Sheridan, WY	25318	12801	12609	13	116	63	221
56035	Sublette, WY	5577	2668	2617	2	40	9	34
56037	Sweetwater, WY	40322	19829	19279	162	169	219	1781
56039	Teton, WY	13587	6477	6351	13	64	49	114
56041	Uinta, WY	20255	9899	9735	17	87	60	410
56043	Washakie, WY	8617	4243	4167	9	43	24	400
56045	Weston, WY	6554	3268	3214	0	45	9	36
	Region VIII	**8,559,886**	**4,304,012**	**4,019,234**	**94,760**	**109,150**	**80,868**	**349,530**
	Total US	**265,283,783**	**135,473,568**	**111,696,374**	**17,600,489**	**1,152,432**	**5,024,273**	**13,750,212**

FIPS Code	County Name	1996 POPULATION FEMALE by AGE Total	<15	15-19	20-24	25-44	45-64	65-84	85+	65+
08	COLORADO	1,926,408	405,330	132,124	120,391	625,093	420,836	192,750	29,884	222,634
08001	Adams, CO	156032	36880	11154	10332	49572	34238	12342	1514	13856
08003	Alamosa, CO	7241	1742	669	694	1997	1338	675	126	801
08005	Arapahoe, CO	233421	49451	15477	13513	83262	51611	17878	2229	20107
08007	Archuleta, CO	3882	870	245	165	1132	1017	421	32	453
08009	Baca, CO	2274	447	130	73	531	579	436	78	514
08011	Bent, CO	2657	584	203	79	643	643	436	69	505
08013	Boulder, CO	128998	24241	9704	11314	44678	26768	10388	1905	12293
08015	Chaffee, CO	6897	1236	399	205	1802	1890	1183	182	1365
08017	Cheyenne, CO	1134	286	65	41	295	233	177	37	214
08019	Clear Creek, CO	4045	837	248	131	1507	985	306	31	337
08021	Conejos, CO	3907	1074	325	170	901	829	509	99	608
08023	Costilla, CO	1780	414	119	88	400	424	275	60	335
08025	Crowley, CO	1611	338	88	69	384	389	286	57	343
08027	Custer, CO	1520	292	83	31	421	465	193	35	228
08029	Delta, CO	12826	2375	758	419	2878	3331	2639	426	3065
08031	Denver, CO	255687	45700	14321	16671	81722	53666	36737	6870	43607
08033	Dolores, CO	822	174	43	36	207	229	115	18	133
08035	Douglas, CO	55328	13882	3502	1934	22160	11386	2213	251	2464
08037	Eagle, CO	14420	3437	709	1087	6453	2212	483	39	522
08039	Elbert, CO	8076	1978	600	220	2891	1728	578	81	659
08041	El Paso, CO	236979	53152	16969	16617	77597	49878	20006	2760	22766
08043	Fremont, CO	18817	3368	1189	764	4813	4561	3514	608	4122
08045	Garfield, CO	17892	4075	1181	890	5953	3717	1804	272	2076
08047	Gilpin, CO	1739	327	83	57	731	401	126	14	140
08049	Grand, CO	4469	927	296	231	1627	1002	351	35	386
08051	Gunnison, CO	5719	1108	576	646	1854	1100	370	65	435
08053	Hinsdale, CO	313	47	12	11	110	90	40	3	43
08055	Huerfano, CO	3336	653	198	96	746	844	678	121	799
08057	Jackson, CO	711	152	40	41	208	183	75	12	87
08059	Jefferson, CO	249376	51879	16587	12880	84921	59837	20365	2907	23272
08061	Kiowa, CO	832	193	50	18	201	195	148	27	175
08063	Kit Carson, CO	3645	796	249	125	918	884	598	75	673
08065	Lake, CO	3002	721	209	184	981	641	250	16	266
08067	La Plata, CO	19584	4026	1682	1446	6000	4088	2041	301	2342
08069	Larimer, CO	111984	22751	8972	9538	35615	22361	10967	1780	12747
08071	Las Animas, CO	7379	1407	531	332	1690	1712	1419	288	1707
08073	Lincoln, CO	2406	487	120	78	567	624	440	90	530
08075	Logan, CO	9264	1853	781	448	2287	2239	1405	251	1656
08077	Mesa, CO	55626	11649	3968	2743	15397	12975	7745	1149	8894
08079	Mineral, CO	334	57	13	8	97	102	51	6	57
08081	Moffat, CO	5936	1572	409	258	1892	1230	491	84	575
08083	Montezuma, CO	11272	2701	781	499	3075	2655	1373	188	1561
08085	Montrose, CO	15087	3217	928	548	3892	3854	2354	294	2648
08087	Morgan, CO	12604	3083	860	567	3178	2772	1808	336	2144
08089	Otero, CO	10749	2340	814	516	2569	2379	1788	343	2131
08091	Ouray, CO	1548	297	72	47	443	490	177	22	199
08093	Park, CO	5636	1276	291	135	2130	1404	371	29	400
08095	Phillips, CO	2274	454	143	73	513	549	435	107	542
08097	Pitkin, CO	6383	942	214	468	2998	1472	271	18	289
08099	Prowers, CO	6988	1758	539	336	1855	1456	889	155	1044
08101	Pueblo, CO	67296	13829	4951	3675	17711	15605	10003	1522	11525
08103	Rio Blanco, CO	3115	735	268	166	902	699	296	49	345
08105	Rio Grande, CO	5721	1346	448	279	1447	1299	763	139	902
08107	Routt, CO	7923	1697	471	463	3315	1461	458	58	516
08109	Saguache, CO	2813	704	206	141	770	595	346	51	397
08111	San Juan, CO	255	68	14	17	93	49	14	0	14
08113	San Miguel, CO	2436	503	118	159	1078	442	125	11	136
08115	Sedgwick, CO	1345	237	89	40	306	338	286	49	335
08117	Summit, CO	8177	1626	400	861	3747	1349	189	5	194
08119	Teller, CO	9144	2056	561	276	3454	2096	651	50	701
08121	Washington, CO	2345	500	145	73	549	629	376	73	449
08123	Weld, CO	76676	17479	6563	6197	21846	15500	7865	1226	9091
08125	Yuma, CO	4720	1044	291	172	1181	1118	758	156	914
30	MONTANA	441,261	91,840	34,349	28,400	122,864	98,493	55,888	9,427	65,315
30001	Beaverhead, MT	4478	970	368	349	1185	960	543	103	646
30003	Big Horn, MT	6227	1829	531	442	1694	1133	530	68	598
30005	Blaine, MT	3538	949	292	193	896	714	428	66	494
30007	Broadwater, MT	1960	401	151	68	499	498	303	40	343
30009	Carbon, MT	4726	950	367	138	1205	1093	839	134	973
30011	Carter, MT	717	134	47	29	164	196	126	21	147
30013	Cascade, MT	40997	8626	2885	2878	11380	9334	5016	878	5894

FIPS Code	County Name	1996 POPULATION FEMALE by AGE Total	<15	15-19	20-24	25-44	45-64	65-84	65+	65+
30015	Chouteau, MT	2612	532	190	106	668	631	423	62	485
30017	Custer, MT	6257	1224	510	334	1604	1405	1000	180	1180
30019	Daniels, MT	1083	210	73	19	251	263	229	38	267
30021	Dawson, MT	4558	907	352	225	1178	1112	655	129	784
30023	Deer Lodge, MT	5079	804	410	288	1200	1256	992	129	1121
30025	Fallon, MT	1504	329	108	45	377	384	228	33	261
30027	Fergus, MT	6432	1257	425	272	1520	1554	1144	260	1404
30029	Flathead, MT	35690	7449	2581	1699	10625	8289	4325	722	5047
30031	Gallatin, MT	29391	5614	2901	3546	8818	5463	2644	405	3049
30033	Garfield, MT	690	158	44	28	163	165	108	24	132
30035	Glacier, MT	6420	1972	531	388	1681	1172	579	97	676
30037	Golden Valley, MT	485	95	35	22	108	129	76	20	96
30039	Granite, MT	1232	219	98	56	305	317	204	33	237
30041	Hill, MT	8915	2149	699	588	2406	1831	1031	211	1242
30043	Jefferson, MT	4710	1044	359	190	1489	1105	465	58	523
30045	Judith Basin, MT	1107	208	74	38	280	293	199	15	214
30047	Lake, MT	12404	2801	933	620	3151	2872	1736	291	2027
30049	Lewis And Clark, MT	27105	5510	2194	1653	8216	5993	2989	550	3539
30051	Liberty, MT	1191	268	84	38	290	286	191	34	225
30053	Lincoln, MT	9314	2084	726	456	2537	2288	1077	146	1223
30055	Mccone, MT	1009	212	91	37	245	246	156	22	178
30057	Madison, MT	3259	593	230	149	872	809	513	93	606
30059	Meagher, MT	856	168	68	28	233	214	128	17	145
30061	Mineral, MT	1834	443	137	70	488	453	216	27	243
30063	Missoula, MT	44732	8666	3760	4494	13512	8932	4586	782	5368
30065	Musselshell, MT	2323	405	170	83	574	590	446	55	501
30067	Park, MT	8256	1538	499	307	2514	1925	1253	220	1473
30069	Petroleum, MT	245	52	19	11	61	66	30	6	36
30071	Phillips, MT	2543	599	181	110	613	600	362	78	440
30073	Pondera, MT	3177	748	214	143	786	693	481	112	593
30075	Powder River, MT	946	189	77	35	236	254	127	28	155
30077	Powell, MT	2876	561	196	126	720	746	447	80	527
30079	Prairie, MT	660	108	50	11	148	168	152	23	175
30081	Ravalli, MT	16876	3357	1178	689	4417	4299	2533	403	2936
30083	Richland, MT	5186	1231	421	251	1356	1146	686	95	781
30085	Roosevelt, MT	5667	1657	465	342	1480	1047	578	98	676
30087	Rosebud, MT	5100	1491	501	259	1532	927	326	64	390
30089	Sanders, MT	4951	1060	399	173	1276	1234	705	104	809
30091	Sheridan, MT	2211	430	139	77	502	545	435	83	518
30093	Silver Bow, MT	17551	3143	1320	1139	4339	4110	3036	464	3500
30095	Stillwater, MT	3799	787	264	159	1008	878	586	117	703
30097	Sweet Grass, MT	1748	334	134	53	425	397	339	66	405
30099	Teton, MT	3184	680	261	104	731	781	525	102	627
30101	Toole, MT	2484	568	173	92	640	580	361	70	431
30103	Treasure, MT	427	92	33	21	104	106	65	6	71
30105	Valley, MT	4161	845	292	165	1032	1039	669	119	788
30107	Wheatland, MT	1187	247	74	45	259	291	224	47	271
30109	Wibaux, MT	566	109	30	26	142	132	103	24	127
30111	Yellowstone, MT	64605	12831	5004	4491	18722	14542	7740	1275	9015
30113	Yellowstone Park, MT	20	3	1	2	7	7	0	0	0
38	NORTH DAKOTA	322,131	66,915	24,524	21,487	91,830	63,637	44,470	9,268	53,738
38001	Adams, ND	1430	252	91	42	370	327	284	64	348
38003	Barnes, ND	6196	1085	487	374	1454	1270	1241	285	1526
38005	Benson, ND	3393	994	277	150	781	639	458	94	552
38007	Billings, ND	534	138	48	26	152	109	61	0	61
38009	Bottineau, ND	3734	693	282	113	917	816	740	173	913
38011	Bowman, ND	1675	312	123	47	430	389	309	65	374
38013	Burke, ND	1233	222	79	24	263	315	282	48	330
38015	Burleigh, ND	33718	6865	2710	2077	10858	6880	3641	687	4328
38017	Cass, ND	56660	11026	4057	5676	18680	10233	5697	1291	6988
38019	Cavalier, ND	2647	542	154	74	604	649	511	113	624
38021	Dickey, ND	2870	498	230	153	636	659	542	152	694
38023	Divide, ND	1261	218	55	32	277	308	300	71	371
38025	Dunn, ND	1825	441	138	55	472	386	293	40	333
38027	Eddy, ND	1448	271	67	43	319	327	344	77	421
38029	Emmons, ND	2170	390	148	67	452	597	426	90	516
38031	Foster, ND	1982	402	127	57	458	452	382	104	486
38033	Golden Valley, ND	954	201	70	28	217	196	196	46	242
38035	Grand Forks, ND	34971	7272	3187	4286	10748	5481	3255	742	3997
38037	Grant, ND	1525	298	102	34	342	376	327	46	373
38039	Griggs, ND	1483	287	91	41	336	338	317	73	390
38041	Hettinger, ND	1497	287	96	44	326	373	322	49	371

FIPS Code	County Name	1996 POPULATION FEMALE by AGE Total	<15	15-19	20-24	25-44	45-64	65-84	85+	65+
38043	Kidder, ND	1455	281	101	46	329	365	293	40	333
38045	La Moure, ND	2459	462	169	61	542	578	537	110	647
38047	Logan, ND	1201	209	74	29	249	335	265	40	305
38049	Mchenry, ND	3022	588	190	80	685	734	631	114	745
38051	Mcintosh, ND	1883	307	79	37	343	495	509	113	622
38053	Mckenzie, ND	2839	735	220	92	794	574	360	64	424
38055	Mclean, ND	4893	1042	337	119	1291	1061	903	140	1043
38057	Mercer, ND	4721	1188	325	142	1511	838	625	92	717
38059	Morton, ND	12308	2729	970	515	3477	2629	1656	332	1988
38061	Mountrail, ND	3386	786	253	118	839	704	571	115	686
38063	Nelson, ND	1972	344	104	28	411	477	462	146	608
38065	Oliver, ND	1053	256	83	25	338	218	123	10	133
38067	Pembina, ND	4407	890	313	143	1134	956	771	200	971
38069	Pierce, ND	2368	413	143	75	496	541	569	131	700
38071	Ramsey, ND	6328	1241	437	293	1691	1323	1050	293	1343
38073	Ransom, ND	2803	520	166	82	689	614	575	157	732
38075	Renville, ND	1416	291	103	40	339	314	278	51	329
38077	Richland, ND	8781	1875	716	468	2244	1736	1393	349	1742
38079	Rolette, ND	7075	2184	637	451	1839	1171	674	119	793
38081	Sargent, ND	2150	421	155	59	546	526	381	62	443
38083	Sheridan, ND	892	157	47	19	204	239	205	21	226
38085	Sioux, ND	1976	708	202	125	496	321	114	10	124
38087	Slope, ND	392	82	35	11	97	105	60	2	62
38089	Stark, ND	11519	2569	907	681	3310	2236	1584	232	1816
38091	Steele, ND	1120	226	75	28	252	297	209	33	242
38093	Stutsman, ND	10897	2017	774	571	2975	2446	1761	353	2114
38095	Towner, ND	1611	329	119	43	374	308	363	75	438
38097	Traill, ND	4416	819	364	271	996	912	816	238	1054
38099	Walsh, ND	6412	1323	426	229	1679	1341	1147	267	1414
38101	Ward, ND	30042	6419	2431	2697	8994	5334	3548	619	4167
38103	Wells, ND	2722	474	161	56	585	674	611	161	772
38105	Williams, ND	10406	2336	789	410	2989	2115	1498	269	1767
46	SOUTH DAKOTA	371,331	81,456	30,119	24,508	102,709	71,656	50,415	10,468	60,883
46003	Aurora, SD	1490	311	108	35	343	330	268	95	363
46005	Beadle, SD	9271	1822	634	454	2406	1978	1625	352	1977
46007	Bennett, SD	1737	534	185	84	414	303	183	34	217
46009	Bon Homme, SD	3425	692	183	139	805	716	722	168	890
46011	Brookings, SD	12885	2322	1509	1936	3285	2024	1483	326	1809
46013	Brown, SD	18601	3479	1667	1510	5151	3579	2647	568	3215
46015	Brule, SD	2777	717	190	114	678	570	416	92	508
46017	Buffalo, SD	858	319	85	56	199	140	57	2	59
46019	Butte, SD	4535	979	323	216	1248	964	690	115	805
46021	Campbell, SD	934	178	53	28	219	251	182	23	205
46023	Charles Mix, SD	4774	1195	413	212	1080	932	758	184	942
46025	Clark, SD	2171	433	178	65	481	492	436	86	522
46027	Clay, SD	6983	1079	1130	1429	1534	982	661	168	829
46029	Codington, SD	12844	2727	1012	733	3557	2429	1963	423	2386
46031	Corson, SD	2106	699	189	96	473	414	225	10	235
46033	Custer, SD	3365	714	222	108	971	815	455	80	535
46035	Davison, SD	9260	1910	668	560	2409	1779	1549	385	1934
46037	Day, SD	3322	685	229	109	767	708	655	169	824
46039	Deuel, SD	2211	421	159	77	526	538	415	75	490
46041	Dewey, SD	2964	1022	274	201	745	475	217	30	247
46043	Douglas, SD	1816	383	141	60	390	390	369	83	452
46045	Edmunds, SD	2208	426	141	78	483	524	431	125	556
46047	Fall River, SD	3448	671	260	104	894	774	621	124	745
46049	Faulk, SD	1291	251	78	42	276	340	247	57	304
46051	Grant, SD	4052	877	309	154	1066	805	695	146	841
46053	Gregory, SD	2618	569	161	78	582	546	559	123	682
46055	Haakon, SD	1288	351	109	45	336	234	170	43	213
46057	Hamlin, SD	2716	576	196	92	610	552	559	131	690
46059	Hand, SD	2104	433	144	65	481	500	380	101	481
46061	Hanson, SD	1461	318	132	55	352	328	230	46	276
46063	Harding, SD	770	185	53	38	212	148	121	13	134
46065	Hughes, SD	8102	1845	586	377	2588	1572	924	210	1134
46067	Hutchinson, SD	4110	735	260	108	863	942	972	230	1202
46069	Hyde, SD	860	179	49	22	187	186	187	50	237
46071	Jackson, SD	1460	422	152	87	355	254	161	29	190
46073	Jerauld, SD	1162	216	73	34	249	275	256	59	315
46075	Jones, SD	607	124	40	26	154	148	103	12	115
46077	Kingsbury, SD	3015	607	166	81	682	652	657	170	827
46079	Lake, SD	5451	1083	492	359	1374	1010	936	197	1133

FIPS Code	County Name	1996 POPULATION FEMALE by AGE Total	<15	15-19	20-24	25-44	45-84	65-84	85+	65+
46081	Lawrence, SD	11314	2300	1047	826	3221	2070	1576	274	1850
46083	Lincoln, SD	9176	2122	698	382	2779	1736	1166	293	1459
46085	Lyman, SD	1900	534	147	89	472	403	226	29	255
46087	Mc Cook, SD	2941	598	233	90	669	603	605	143	748
46089	Mc Pherson, SD	1517	257	91	43	298	382	373	73	446
46091	Marshall, SD	2353	480	151	100	520	537	460	105	565
46093	Meade, SD	10944	2883	913	515	3614	1843	1019	157	1176
46095	Mellette, SD	1009	314	85	60	234	183	106	27	133
46097	Miner, SD	1499	320	91	49	309	324	315	91	406
46099	Minnehaha, SD	71578	14670	5559	5692	22746	13296	8004	1611	9615
46101	Moody, SD	3291	763	244	154	854	651	533	92	625
46103	Pennington, SD	43883	10174	3345	3518	13711	8142	4298	695	4993
46105	Perkins, SD	1824	353	102	53	494	401	349	72	421
46107	Potter, SD	1521	319	107	49	360	344	275	67	342
46109	Roberts, SD	4905	1132	414	221	1124	1020	800	194	994
46111	Sanborn, SD	1358	300	85	50	321	321	240	41	281
46113	Shannon, SD	5917	2267	707	514	1366	775	259	29	288
46115	Spink, SD	3959	807	285	164	1013	886	647	157	804
46117	Stanley, SD	1477	339	141	75	419	335	157	11	168
46119	Sully, SD	771	173	58	29	189	195	115	12	127
46121	Todd, SD	4687	1815	521	359	1148	598	219	27	246
46123	Tripp, SD	3442	770	273	156	855	747	554	87	641
46125	Turner, SD	4403	863	315	115	1031	968	907	204	1111
46127	Union, SD	5878	1294	443	256	1609	1231	866	179	1045
46129	Walworth, SD	3009	568	207	121	690	742	545	136	681
46135	Yankton, SD	10600	2137	790	685	2975	2150	1545	318	1863
46137	Ziebach, SD	1123	415	114	76	263	174	71	10	81
49	UTAH	1,003,856	270,127	103,622	88,694	280,342	162,513	86,106	12,452	98,558
49001	Beaver, UT	2839	754	262	113	660	541	441	68	509
49003	Box Elder, UT	19579	6036	1755	1023	4991	3573	1922	279	2201
49005	Cache, UT	41637	11322	4873	5405	10673	5420	3317	627	3944
49007	Carbon, UT	10433	2576	1141	568	2751	1822	1396	179	1575
49009	Daggett, UT	367	98	35	19	99	84	29	3	32
49011	Davis, UT	106783	31995	10895	7859	30822	18031	6361	820	7181
49013	Duchesne, UT	6787	2132	686	357	1790	1191	574	57	631
49015	Emery, UT	5078	1622	504	220	1408	863	398	63	461
49017	Garfield, UT	1984	520	163	102	476	433	252	38	290
49019	Grand, UT	4001	944	343	151	1135	904	473	51	524
49021	Iron, UT	13502	3438	1682	1586	3189	2233	1231	143	1374
49023	Juab, UT	3431	985	338	158	803	610	478	59	537
49025	Kane, UT	2838	757	244	139	701	580	360	57	417
49027	Millard, UT	5947	1885	584	252	1447	982	696	101	797
49029	Morgan, UT	3298	963	373	174	825	674	251	38	289
49031	Piute, UT	682	146	57	35	126	179	132	7	139
49033	Rich, UT	873	281	76	27	246	127	107	9	116
49035	Salt Lake, UT	415809	107588	37954	33671	127478	68700	35090	5328	40418
49037	San Juan, UT	6636	2107	646	416	1765	1126	458	118	576
49039	Sanpete, UT	9728	2695	1392	596	2116	1502	1255	172	1427
49041	Sevier, UT	8631	2459	827	370	2065	1614	1146	150	1296
49043	Summit, UT	11678	2965	995	681	4370	1913	692	62	754
49045	Tooele, UT	14538	3813	1516	927	4036	2871	1215	160	1375
49047	Uintah, UT	12323	3796	1202	648	3467	2153	943	114	1057
49049	Utah, UT	161733	44544	21776	23648	38483	20762	11014	1506	12520
49051	Wasatch, UT	5975	1738	574	357	1622	1041	555	88	643
49053	Washington, UT	37059	9695	4130	2265	8315	6435	5592	627	6219
49055	Wayne, UT	1134	308	108	46	285	203	165	19	184
49057	Weber, UT	88553	21965	8491	6881	24198	15946	9563	1509	11072
56	WYOMING	239,025	52,120	20,438	17,027	67,683	51,490	26,116	4,151	30,267
56001	Albany, WY	14763	2356	1624	2806	4009	2526	1231	211	1442
56003	Big Horn, WY	5604	1132	481	258	1213	1373	983	164	1147
56005	Campbell, WY	15609	4347	1404	1044	5394	2672	647	101	748
56007	Carbon, WY	7382	1689	626	397	2104	1661	785	120	905
56009	Converse, WY	6062	1480	536	328	1744	1325	562	87	649
56011	Crook, WY	2854	683	220	135	719	688	355	54	409
56013	Fremont, WY	18047	4086	1421	1073	4801	4254	2100	312	2412
56015	Goshen, WY	6532	1266	568	413	1548	1476	1097	164	1261
56017	Hot Springs, WY	2334	397	168	76	567	602	431	93	524
56019	Johnson, WY	3371	611	263	173	845	813	545	121	666
56021	Laramie, WY	39595	7967	3068	3180	11479	8748	4468	685	5153
56023	Lincoln, WY	6805	1921	642	340	1754	1376	716	56	772
56025	Natrona, WY	32419	6744	2704	2266	9086	7500	3559	560	4119
56027	Niobrara, WY	1414	224	94	57	348	365	264	62	326

FIPS Code	County Name	1996 POPULATION FEMALE by AGE Total	<15	15-19	20-24	25-44	45-64	65-84	85+	85+
56029	Park, WY	12816	2564	1161	784	3375	2903	1744	285	2029
56031	Platte, WY	4233	851	328	195	1030	1022	700	107	807
56033	Sheridan, WY	12801	2357	1050	656	3386	3023	1973	356	2329
56035	Sublette, WY	2668	534	197	116	789	662	296	74	370
56037	Sweetwater, WY	19829	5085	1954	1282	6033	3679	1559	237	1796
56039	Teton, WY	6477	1202	388	505	2436	1448	445	53	498
56041	Uinta, WY	9899	3032	966	582	3070	1560	584	105	689
56043	Washakie, WY	4243	903	312	199	1105	1016	626	82	708
56045	Weston, WY	3268	689	263	162	848	798	446	62	508
	Region VIII	4,304,012	967,788	345,176	300,507	1,290,521	868,625	455,745	75,650	531,395
	Total US	135,473,588	28,159,187	9,043,011	8,561,003	42,001,666	27,728,731	17,288,194	2,891,796	19,979,990

		DEMOGRAPHICS											
FIPS Code	County Name	1990 % Female Headed Families	1990 Female Headed Families	1996 Per Capita Income	1990 Percent Females Divorced	1990 Females Divorced	1990 Females In Labor Force	1990 Females 16+ Unemployed White	1990 Females 16+ Unemployed Non-White	Land Area	1995 Urb/Rur Continuum Code	1997 Frontier County (yes=1)	1997 Persons per Sq. Mile
08	COLORADO	14.6	124,589		12.1	155,711	760,021	35,306	8,318	103,734		30	38.85
08001	Adams, CO	16.9	11794	$20,337	12.9	13003	61103	3125	873	1192	0	0	260.01
08003	Alamosa, CO	17.8	582	$17,434	9.7	507	2825	154	88	723	7	0	19.78
08005	Arapahoe, CO	14.9	15576	$32,522	13.4	20928	101061	3467	750	803	0	0	566.67
08007	Archuleta, CO	10.4	161	$14,590	10.6	212	992	77	22	1349	9	1	5.90
08009	Baca, CO	7.1	93	$19,230	7.3	133	740	23	0	2556	9	1	1.76
08011	Bent, CO	12.6	162	$15,950	7.6	143	750	24	0	1514	9	1	3.62
08013	Boulder, CO	12.8	6955	$29,914	11.8	10717	56320	2526	226	743	0	0	347.56
08015	Chaffee, CO	10.3	347	$16,636	10.7	512	2261	195	3	1014	7	0	14.47
08017	Cheyenne, CO	7.4	46	$20,122	4	35	458	3	0	1782	9	1	1.30
08019	Clear Creek, CO	9.3	195	$23,584	13.5	388	1861	55	0	396	8	0	21.33
08021	Conejos, CO	13.7	263	$12,926	5.9	156	1080	65	19	1287	9	1	6.11
08023	Costilla, CO	16.2	142	$15,143	6.6	81	405	52	6	1227	9	1	2.91
08025	Crowley, CO	12.9	105	$12,175	6.7	79	466	36	5	789	8	1	5.32
08027	Custer, CO	7.4	42	$16,847	6.5	50	352	17	2	739	8	1	4.14
08029	Delta, CO	9.1	557	$16,405	8.8	750	3189	247	51	1142	7	0	22.38
08031	Denver, CO	22.2	24197	$32,148	14.9	29270	110037	3999	3040	153	0	0	3253.86
08033	Dolores, CO	4.2	18	$15,914	7.1	41	256	25	0	1067	9	1	1.57
08035	Douglas, CO	6.5	1139	$33,352	7.9	1753	14589	558	17	840	1	0	132.91
08037	Eagle, CO	11.5	586	$30,398	13	1033	5886	208	49	1688	7	0	18.08
08039	Elbert, CO	5.9	164	$22,496	7.8	281	2210	79	2	1851	8	0	8.76
08041	El Paso, CO	13.8	14398	$22,320	11.4	17400	86180	5109	1514	2127	2	0	222.34
08043	Fremont, CO	13.4	1114	$14,926	10.3	1283	5410	430	6	1533	6	0	27.20
08045	Garfield, CO	10.8	859	$21,078	9.9	1128	6826	285	2	2948	7	0	12.38
08047	Gilpin, CO	8.4	71	$22,007	11.3	132	733	55	0	150	8	0	24.83
08049	Grand, CO	7.8	160	$22,415	9.3	272	2044	78	0	1850	9	1	5.15
08051	Gunnison, CO	10	221	$18,247	9.7	379	2487	149	4	3239	7	1	3.75
08053	Hinsdale, CO	4.4	6	$20,685	12.6	23	132	2	0	1118	9	1	0.60
08055	Huerfano, CO	16.6	273	$15,659	9	224	934	113	13	1591	6	1	4.13
08057	Jackson, CO	6.4	29	$17,897	5.2	30	305	14	3	1613	9	1	0.94
08059	Jefferson, CO	12.8	15277	$27,912	12	20939	112738	4412	357	772	0	0	637.99
08061	Kiowa, CO	7.6	36	$21,563	3.7	24	312	11	0	1771	9	1	0.93
08063	Kit Carson, CO	8.6	173	$23,306	6.6	181	1413	46	0	2161	7	1	3.34
08065	Lake, CO	12.7	199	$20,318	8.9	197	1371	50	14	377	7	0	16.48
08067	La Plata, CO	13.2	1058	$22,262	11.7	1482	7138	445	92	1692	7	0	23.32
08069	Larimer, CO	11.4	5386	$23,841	10.1	7556	43371	2328	163	2601	3	0	85.25
08071	Las Animas, CO	17.9	663	$15,493	8.2	471	2079	180	17	4773	7	1	3.03
08073	Lincoln, CO	9.3	116	$17,240	7.1	129	962	21	2	2586	8	1	2.16
08075	Logan, CO	10.7	514	$22,072	8.2	585	3717	138	16	1839	7	0	9.80
08077	Mesa, CO	14	3557	$19,806	12	4530	18792	1240	58	3328	5	0	32.56
08079	Mineral, CO	8.8	14	$21,602	5.6	12	98	14	0	876	9	1	0.78
08081	Moffat, CO	10.1	310	$20,559	7.5	310	2278	170	9	4743	7	1	2.55
08083	Montezuma, CO	13.7	705	$17,741	9.3	666	3372	193	62	2037	7	0	10.80
08085	Montrose, CO	10.9	758	$18,831	9.5	927	4739	338	17	2241	7	0	13.21
08087	Morgan, CO	10.9	642	$19,574	8.3	686	4209	199	57	1286	6	0	19.28
08089	Otero, CO	16.4	892	$18,197	9.7	788	3590	188	84	1263	6	0	16.55
08091	Ouray, CO	7.2	49	$20,424	8.1	73	476	30	3	542	9	1	5.79
08093	Park, CO	5.4	111	$20,487	10.6	287	1619	79	0	2201	8	1	5.27
08095	Phillips, CO	9.5	112	$22,942	7.7	134	749	40	0	688	9	1	6.31
08097	Pitkin, CO	11.8	317	$46,893	15.8	801	3772	108	0	970	7	0	13.91
08099	Prowers, CO	14.8	526	$18,598	10.2	520	2606	114	19	1641	7	0	8.34
08101	Pueblo, CO	19.4	6451	$19,235	11.6	5799	22117	1547	336	2389	3	0	54.93
08103	Rio Blanco, CO	8	128	$18,335	8	177	1175	78	7	3221	9	1	1.97
08105	Rio Grande, CO	14.3	426	$17,124	8.3	346	1809	139	13	913	7	0	12.40
08107	Routt, CO	10.3	354	$27,016	12	615	3790	188	0	2362	7	0	7.19
08109	Saguache, CO	14.9	181	$12,371	8.3	139	749	61	10	3169	9	1	1.83
08111	San Juan, CO	11.1	22	$18,002	14.5	36	119	31	0	388	9	1	1.45
08113	San Miguel, CO	11.2	95	$25,352	12.1	164	1005	35	0	1287	9	1	4.05
08115	Sedgwick, CO	7.4	59	$22,517	3.9	43	555	16	5	548	9	1	4.84
08117	Summit, CO	8.5	243	$29,141	10.6	497	3814	122	0	608	9	0	29.43
08119	Teller, CO	8.6	311	$21,099	10.2	481	2834	222	13	557	6	0	33.60
08121	Washington, CO	6.7	92	$23,086	5.2	96	836	38	0	2521	9	1	1.85
08123	Weld, CO	12.9	4343	$19,328	9.5	4880	28190	1252	269	3993	3	0	38.11
08125	Yuma, CO	7.9	194	$23,250	5.6	197	1735	63	0	2366	7	1	3.92

		DEMOGRAPHICS											
FIPS Code	County Name	1990 % Female Headed Families	1990 Female Headed Families	1996 Per Capita Income	1990 Percent Females Divorced	1990 Females Divorced	1990 Females In Labor Force	1990 Females 16+ Unemployed White	1990 Females 16+ Unemployed Non-White	Land Area	1995 Urb/Rur Continu-um Code	1997 Frontier County (yes=1)	1997 Persons per Sq. Mile
30	MONTANA	12.5	26,397		9.9	30,408	160,632	8,469	1,906	145,557		47	6.04
30001	Beaverhead, MT	11.4	246	$17,442	6.4	203	1628	57	0	5543	7	1	1.65
30003	Big Horn, MT	19.6	536	$11,470	8.7	350	1671	34	368	4995	6	1	2.46
30005	Blaine, MT	17.7	302	$12,993	6.2	153	1191	39	60	4226	9	1	1.68
30007	Broadwater, MT	9.7	89	$16,365	6.3	80	600	40	0	1192	9	1	3.37
30009	Carbon, MT	10	229	$17,631	6.6	213	1465	66	0	2048	8	1	4.52
30011	Carter, MT	6.4	26	$13,728	3.8	22	356	5	0	3340	9	1	0.45
30013	Cascade, MT	13.3	2788	$21,051	11	3337	15933	753	110	2698	3	0	30.05
30015	Chouteau, MT	8	121	$22,587	5	104	895	44	3	3973	8	1	1.35
30017	Custer, MT	13.6	421	$19,085	7.8	369	2505	118	0	3783	7	1	3.25
30019	Daniels, MT	7.4	47	$22,669	6.1	56	445	9	0	1426	9	1	1.50
30021	Dawson, MT	9.2	241	$18,286	6.1	229	1885	72	7	2373	7	1	3.83
30023	Deer Lodge, MT	14.2	377	$15,564	9.7	414	1609	167	18	737	7	0	13.69
30025	Fallon, MT	6.6	57	$16,493	4.4	52	564	21	0	1620	9	1	1.85
30027	Fergus, MT	8.9	285	$17,628	8.9	429	2251	101	0	4339	7	1	2.93
30029	Flathead, MT	11.1	1826	$19,972	10.8	2489	11693	722	60	5099	5	0	13.97
30031	Gallatin, MT	10.6	1302	$20,988	8.3	1626	11428	523	30	2507	5	0	24.16
30033	Garfield, MT	5.8	25	$13,213	3.9	23	310	0	0	4668	9	1	0.30
30035	Glacier, MT	20.7	598	$13,593	6.3	262	2002	63	261	2995	7	1	4.23
30037	Golden Valley, MT	5.2	12	$12,455	3.4	12	180	9	0	1175	8	1	0.84
30039	Granite, MT	8.6	61	$15,902	6.2	61	429	14	0	1728	9	1	1.50
30041	Hill, MT	14.1	633	$19,376	8.8	587	3362	153	113	2896	7	1	6.12
30043	Jefferson, MT	8.6	186	$20,277	8.2	241	1680	53	8	1657	9	1	5.83
30045	Judith Basin, MT	5	33	$16,532	4.8	43	415	11	2	1870	8	1	1.22
30047	Lake, MT	15.1	861	$16,150	10.5	846	3815	187	105	1494	7	0	16.68
30049	Lewis And Clark, MT	14.5	1828	$21,390	13.3	2507	11311	474	26	3461	5	0	15.41
30051	Liberty, MT	8.2	46	$21,037	6.3	55	324	6	0	1430	9	1	1.62
30053	Lincoln, MT	9.8	480	$14,193	8.4	558	2794	424	28	3613	7	1	5.21
30055	Mccone, MT	4.3	28	$15,994	2.9	25	401	18	0	2643	9	1	0.78
30057	Madison, MT	7.4	122	$15,122	7.3	170	1151	64	0	3587	9	1	1.89
30059	Meagher, MT	6.5	31	$16,548	8.2	57	358	17	2	2392	8	1	0.75
30061	Mineral, MT	10.9	98	$12,986	13.7	169	606	54	0	1220	9	1	3.05
30063	Missoula, MT	14.7	2921	$21,126	12	3768	17433	1012	78	2598	5	0	34.07
30065	Musselshell, MT	7.7	86	$13,928	6.6	109	697	39	0	1867	8	1	2.50
30067	Park, MT	10.8	406	$17,613	12.3	733	2869	189	10	2656	7	1	6.08
30069	Petroleum, MT	5.8	9	$9,766	1.1	2	98	2	0	1654	9	1	0.32
30071	Phillips, MT	10.8	146	$14,539	5.5	108	984	55	18	5140	9	1	0.98
30073	Pondera, MT	9.1	149	$19,457	5.7	139	1126	69	36	1625	7	1	3.90
30075	Powder River, MT	6.5	38	$14,114	4.6	37	434	5	2	3297	9	1	0.59
30077	Powell, MT	9.5	145	$14,784	8.5	181	977	61	13	2326	7	1	3.06
30079	Prairie, MT	4.4	18	$16,888	1.8	10	250	11	0	1737	9	1	0.80
30081	Ravalli, MT	9	632	$16,533	8.6	853	4333	296	14	2394	7	0	14.03
30083	Richland, MT	9.2	268	$17,810	6	240	1901	137	5	2084	7	1	4.95
30085	Roosevelt, MT	20.3	564	$14,380	9.8	389	1825	38	195	2356	7	1	4.70
30087	Rosebud, MT	14	369	$16,525	8.6	315	1809	90	101	5012	7	1	2.09
30089	Sanders, MT	7.9	188	$14,088	7.8	258	1271	135	0	2762	9	1	3.67
30091	Sheridan, MT	8	107	$19,445	4.5	85	791	35	4	1677	9	1	2.60
30093	Silver Bow, MT	14.6	1316	$19,548	9.6	1327	6369	513	24	718	5	0	48.24
30095	Stillwater, MT	7.9	147	$17,544	6.1	154	1290	57	9	1795	8	1	4.26
30097	Sweet Grass, MT	6	52	$17,488	5.7	72	603	37	2	1855	9	1	1.85
30099	Teton, MT	6.5	109	$19,786	6.3	151	1116	50	0	2273	8	1	2.80
30101	Toole, MT	9.8	129	$22,825	9.1	176	1026	23	8	1911	7	1	2.57
30103	Treasure, MT	7	18	$17,193	3.9	13	157	3	3	979	8	1	0.88
30105	Valley, MT	10.7	243	$19,370	6	191	1605	57	13	4921	7	1	1.70
30107	Wheatland, MT	7.5	41	$15,944	5.4	47	411	12	2	1423	9	1	1.70
30109	Wibaux, MT	9.2	29	$12,747	4.9	23	197	14	2	889	9	1	1.29
30111	Yellowstone, MT	14.2	4332	$22,235	11.5	5285	25777	1211	166	2635	3	0	47.80
30113	Yellowstone Park, MT	0	0	$0	0	0	26	0	0	245	7	1	0.16
38	NORTH DAKOTA	10.5	17,523		6.3	15,383	132,996	5,499	965	68,996		37	9.33
38001	Adams, ND	5.9	51	$18,450	4.4	57	674	35	0	988	9	1	2.88
38003	Barnes, ND	9.2	307	$18,747	4.5	234	2432	132	2	1492	7	0	8.12
38005	Benson, ND	18.3	335	$14,252	5	126	960	52	46	1389	9	1	4.97
38007	Billings, ND	2.3	7	$9,154	2.1	8	151	18	0	1152	9	1	0.98
38009	Bottineau, ND	7.8	169	$19,963	3.7	118	1447	78	3	1669	7	1	4.52
38011	Bowman, ND	7.6	75	$20,228	3.5	51	793	22	0	1162	9	1	2.84
38013	Burke, ND	6.3	54	$22,171	4	48	473	21	0	1104	9	1	2.24
38015	Burleigh, ND	12.7	2004	$22,731	8.3	1995	15283	569	60	1633	3	0	40.22

		DEMOGRAPHICS											
FIPS Code	County Name	1990 % Female Headed Families	1990 Female Headed Families	1996 Per Capita Income	1990 Percent Females Divorced	1990 Females Divorced	1990 Females in Labor Force	1990 Females 16+ Unemployed White	1990 Females 16+ Unemployed Non-White	Land Area	1995 Urb/Rur Continu-um Code	1997 Frontier County (yes=1)	1997 Persons per Sq. Mile
38017	Cass, ND	11.9	2990	$24,133	8	3279	26024	994	27	1766	3	0	64.18
38019	Cavalier, ND	4.7	79	$21,030	2.7	64	924	25	0	1489	9	1	3.54
38021	Dickey, ND	6.9	111	$20,938	3.8	95	1186	41	3	1131	9	1	5.02
38023	Divide, ND	7.2	60	$20,893	5	59	500	11	0	1259	9	1	2.00
38025	Dunn, ND	7.9	85	$11,886	5.9	85	669	24	22	2010	9	1	1.87
38027	Eddy, ND	7.1	57	$15,695	3.4	40	512	21	3	632	9	1	4.55
38029	Emmons, ND	5.3	73	$14,086	2	38	751	47	0	1510	8	1	2.94
38031	Foster, ND	6.6	73	$19,747	4.2	67	779	9	0	635	9	1	6.09
38033	Golden Valley, ND	6.2	34	$15,012	2.4	19	396	8	0	1002	9	1	1.93
38035	Grand Forks, ND	12.1	2037	$19,708	7	1881	15926	699	95	1438	3	0	49.69
38037	Grant, ND	4.9	49	$11,828	0.8	11	574	28	0	1660	8	1	1.88
38039	Griggs, ND	6.5	62	$19,115	2.5	32	552	16	0	709	9	1	4.21
38041	Hettinger, ND	4.5	44	$22,612	1.6	22	570	14	0	1132	9	1	2.63
38043	Kidder, ND	4.5	43	$14,017	2.9	37	557	33	0	1352	8	1	2.22
38045	La Moure, ND	4.6	68	$21,739	2.4	51	904	23	0	1147	9	1	4.33
38047	Logan, ND	3.2	26	$18,017	1.7	19	469	13	0	993	9	1	2.46
38049	Mchenry, ND	7.3	134	$15,182	3.4	86	987	55	0	1874	9	1	3.29
38051	Mcintosh, ND	4.4	53	$17,142	2	34	770	29	0	975	9	1	3.74
38053	Mckenzie, ND	10	169	$16,177	5	114	1010	43	45	2742	9	1	2.13
38055	Mclean, ND	6.9	200	$20,714	3.4	137	1749	94	0	2110	8	1	4.69
38057	Mercer, ND	6.1	164	$22,297	2.6	93	1677	112	2	1045	7	0	9.14
38059	Morton, ND	10.3	653	$17,165	6	539	5198	243	0	1926	3	0	12.68
38061	Mountrail, ND	13.9	257	$19,112	8.2	219	1235	27	50	1824	9	1	3.70
38063	Nelson, ND	7.7	95	$19,876	5.1	92	704	51	0	982	8	1	3.98
38065	Oliver, ND	3.7	24	$14,469	5.2	43	423	16	0	724	8	1	3.09
38067	Pembina, ND	8	201	$24,920	3.5	127	1698	72	7	1119	9	0	7.81
38069	Pierce, ND	7.6	104	$19,509	1.7	35	964	17	0	1018	7	1	4.63
38071	Ramsey, ND	13.4	448	$20,874	6.7	340	2766	61	10	1186	7	0	10.50
38073	Ransom, ND	6.5	104	$22,165	4.7	108	1019	23	3	863	8	1	6.71
38075	Renville, ND	8.3	74	$22,090	2.9	36	509	50	0	875	9	1	3.25
38077	Richland, ND	8.5	382	$21,519	4.8	326	3278	150	8	1437	6	0	12.64
38079	Rolette, ND	28.4	885	$12,934	8.7	395	1885	14	305	903	9	0	15.54
38081	Sargent, ND	5.5	70	$26,553	3	51	745	39	0	859	9	1	5.17
38083	Sheridan, ND	3.7	24	$17,012	1.1	9	283	18	0	972	9	1	1.91
38085	Sioux, ND	29	240	$8,932	17.5	209	466	16	120	1094	9	1	3.74
38087	Slope, ND	5.6	14	$11,386	3.6	12	152	2	0	1218	9	1	0.68
38089	Stark, ND	11.2	670	$18,512	6.5	572	4655	216	10	1338	7	0	16.96
38091	Steele, ND	3	21	$22,769	2.1	19	391	26	0	712	8	1	3.20
38093	Stutsman, ND	10.6	615	$20,846	7.6	685	4897	195	11	2222	7	0	9.60
38095	Towner, ND	8.4	82	$18,134	4.4	61	600	6	2	1025	9	1	3.13
38097	Traill, ND	7.4	172	$21,564	3.1	108	1559	70	4	862	8	0	10.10
38099	Walsh, ND	9.1	334	$19,482	4.4	235	2631	139	9	1282	6	0	9.98
38101	Ward, ND	11.3	1723	$19,978	7.3	1620	12072	573	72	2013	5	0	29.67
38103	Wells, ND	7.2	121	$23,196	3.6	86	1007	16	12	1271	9	1	4.15
38105	Williams, ND	10.6	597	$19,607	6.9	556	4160	193	34	2071	7	0	9.92
46	SOUTH DAKOTA	11.5	20,711		7.2	19,181	149,521	4,531	1,645	75,900		39	9.65
46003	Aurora, SD	6.7	55	$19,821	1.9	23	566	11	0	708	9	1	4.29
46005	Beadle, SD	10.2	505	$21,845	6.5	481	3816	191	0	1259	7	0	14.42
46007	Bennett, SD	17.6	132	$13,010	3.6	42	498	0	46	1185	9	1	2.85
46009	Bon Homme, SD	6	112	$17,805	5.1	137	1232	17	0	563	9	0	12.49
46011	Brookings, SD	9.4	527	$18,939	5.5	548	5819	164	0	795	7	0	33.20
46013	Brown, SD	11.6	1082	$23,108	7.3	1087	8627	249	19	1713	5	0	20.92
46015	Brule, SD	7.8	105	$17,817	4.8	97	1157	27	2	819	9	1	6.77
46017	Buffalo, SD	29.7	115	$11,659	10.2	55	226	0	48	471	9	1	3.83
46019	Butte, SD	10.5	225	$14,765	6	185	1515	86	14	2249	6	1	4.02
46021	Campbell, SD	4.7	27	$16,873	3.5	27	346	3	0	736	9	1	2.57
46023	Charles Mix, SD	11.7	269	$19,654	4.2	145	1529	31	68	1098	9	0	8.56
46025	Clark, SD	4.7	57	$19,936	2.5	42	656	13	0	958	9	1	4.56
46027	Clay, SD	13.2	343	$15,749	5.2	295	3102	119	40	412	7	0	33.10
46029	Codington, SD	10.7	638	$21,800	6.1	551	5122	245	30	688	7	0	36.48
46031	Corson, SD	17.2	173	$11,003	10.6	146	535	19	61	2473	9	1	1.73
46033	Custer, SD	10.5	181	$17,476	8.8	207	1220	71	3	1558	8	1	4.38
46035	Davison, SD	11.4	510	$21,422	8.1	577	3932	171	19	436	7	0	40.75
46037	Day, SD	8.1	154	$17,819	3.4	93	1272	30	11	1029	9	1	6.38
46039	Deuel, SD	6.7	87	$18,577	3.5	61	826	29	0	624	9	0	7.34
46041	Dewey, SD	28.1	365	$11,551	11.4	213	867	7	133	2303	9	1	2.51
46043	Douglas, SD	3.8	38	$19,111	2.3	34	692	9	0	434	9	0	8.24
46045	Edmunds, SD	5.1	62	$20,058	1.4	24	846	2	0	1146	9	1	3.83
46047	Fall River, SD	12.7	239	$17,429	11.5	325	1468	48	0	1740	7	1	4.12
46049	Faulk, SD	4.4	33	$21,493	1.9	21	473	13	0	1000	9	1	2.58
46051	Grant, SD	6.9	157	$19,922	3.9	127	1699	53	0	683	7	0	11.79

FIPS Code	County Name	DEMOGRAPHICS											
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46053	Gregory, SD	8.1	115	$18,088	3.6	77	940	33	6	1016	9	1	5.04
46055	Haakon, SD	5.2	34	$19,194	4.4	41	386	0	0	1813	9	1	1.39
46057	Hamlin, SD	6.4	84	$17,188	3.8	73	824	23	0	511	9	0	10.49
46059	Hand, SD	6.1	73	$20,328	2.4	41	755	22	0	1437	9	1	2.88
46061	Hanson, SD	4.6	37	$15,431	1.3	15	595	4	0	435	9	1	6.76
46063	Harding, SD	6.2	27	$12,116	3.1	18	324	5	0	2671	9	1	0.58
46065	Hughes, SD	12.6	496	$23,055	9.5	554	3915	93	6	741	7	0	20.96
46067	Hutchinson, SD	5	115	$20,236	2.4	81	1594	47	0	813	9	0	10.00
46069	Hyde, SD	5.2	24	$18,489	3.5	24	310	10	0	861	9	1	1.91
46071	Jackson, SD	14	95	$11,306	6.6	66	431	9	40	1869	9	1	1.56
46073	Jerauld, SD	5.7	39	$22,134	2.3	23	441	13	0	530	9	1	4.36
46075	Jones, SD	6.8	26	$21,702	2	10	240	6	0	971	9	1	1.30
46077	Kingsbury, SD	5.2	84	$19,353	3.1	75	1070	28	0	838	9	0	7.01
46079	Lake, SD	7.8	214	$21,193	4.4	185	2221	49	0	563	6	0	18.93
46081	Lawrence, SD	12.1	642	$18,990	8.9	734	4482	245	25	800	6	0	27.96
46083	Lincoln, SD	6.7	282	$22,804	5.3	306	3619	65	0	578	3	0	31.79
46085	Lyman, SD	13.3	125	$18,528	4.1	53	724	19	21	1640	9	1	2.35
46087	Mc Cook, SD	6.4	99	$20,002	3	68	1099	23	2	575	8	0	10.10
46089	Mc Pherson, SD	4.7	46	$15,430	1.3	18	560	14	0	1137	9	1	2.59
46091	Marshall, SD	7.9	106	$19,382	3.6	68	798	43	16	839	9	1	5.60
46093	Meade, SD	9.3	521	$19,124	6.6	500	4097	149	31	3471	6	1	6.51
46095	Mellette, SD	21.7	110	$13,021	7.7	57	310	2	10	1307	9	1	1.55
46097	Miner, SD	6.6	59	$19,393	2.2	28	617	24	0	570	9	1	5.29
46099	Minnehaha, SD	13.2	4209	$25,564	9.3	4649	32576	716	62	809	3	0	170.85
46101	Moody, SD	8.5	150	$20,760	4.4	106	1327	49	17	520	8	0	12.71
46103	Pennington, SD	14.3	3121	$20,770	10.5	3257	17923	775	279	2776	3	0	31.39
46105	Perkins, SD	7.5	83	$18,749	4.4	68	873	16	2	2872	9	1	1.27
46107	Potter, SD	6.9	60	$24,388	5.2	65	586	24	0	867	9	1	3.44
46109	Roberts, SD	13.6	350	$16,266	5.8	220	1777	42	45	1101	9	0	8.95
46111	Sanborn, SD	5	39	$20,035	3.3	35	538	9	0	569	9	1	4.85
46113	Shannon, SD	39	735	$9,376	10.2	294	926	16	315	2094	7	1	5.65
46115	Spink, SD	8.2	171	$26,383	3.6	115	1530	28	0	1504	7	1	5.15
46117	Stanley, SD	14.2	95	$16,169	7	65	600	10	2	1443	9	1	2.05
46119	Sully, SD	4.8	22	$28,276	3	18	339	2	0	1007	9	1	1.58
46121	Todd, SD	35.8	635	$8,508	14.7	400	1046	6	201	1388	9	1	6.66
46123	Tripp, SD	9.6	179	$17,267	4	106	1268	52	25	1614	7	1	4.25
46125	Turner, SD	5.6	136	$21,800	3.4	116	1626	42	0	617	8	0	13.99
46127	Union, SD	9	250	$29,575	6.1	241	2124	71	0	460	8	0	25.31
46129	Walworth, SD	10	172	$18,500	7	179	1285	29	8	708	7	0	8.17
46135	Yankton, SD	11.4	552	$20,698	6.9	533	4508	110	1	522	7	0	39.94
46137	Ziebach, SD	22	108	$9,442	7.9	56	276	0	37	1963	9	1	1.14
49	UTAH	11.9	49,077		8.5	50,279	327,281	16,416	1,905	82,170		16	24.35
49001	Beaver, UT	7.3	90	$13,359	4.9	83	677	28	9	2590	9	1	2.16
49003	Box Elder, UT	8	719	$18,281	6.4	771	5836	368	34	5724	6	1	6.84
49005	Cache, UT	8	1276	$16,022	5.7	1390	13503	661	57	1165	4	0	71.85
49007	Carbon, UT	12.4	655	$17,644	7.3	550	3253	252	58	1479	7	0	13.82
49009	Daggett, UT	6.5	12	$14,493	3.4	8	108	11	0	698	9	1	1.08
49011	Davis, UT	10.6	4793	$18,940	7.8	4818	35033	1584	190	305	0	0	704.89
49013	Duchesne, UT	9.4	287	$14,460	5.1	209	1813	115	19	3238	7	1	4.26
49015	Emery, UT	7.9	198	$14,604	5.2	168	1447	148	4	4452	9	1	2.34
49017	Garfield, UT	6.5	68	$15,909	4.3	59	680	29	2	5175	9	1	0.79
49019	Grand, UT	13.7	237	$15,588	9.7	243	1298	77	0	3682	7	1	2.13
49021	Iron, UT	9.5	462	$14,509	6.3	464	3760	193	31	3299	7	0	8.15
49023	Juab, UT	8.4	118	$13,731	4.7	93	974	28	0	3392	6	1	2.02
49025	Kane, UT	6.8	90	$17,769	5.8	104	874	36	0	3992	7	1	1.44
49027	Millard, UT	7.1	191	$14,806	3.5	126	1610	114	9	6590	7	1	1.82
49029	Morgan, UT	5.5	74	$16,816	3.3	60	942	23	0	609	8	0	10.94
49031	Piute, UT	4.6	16	$12,357	4.1	19	162	16	0	758	9	1	1.85
49033	Rich, UT	4.8	20	$14,667	3.2	17	238	6	0	1029	9	1	1.75
49035	Salt Lake, UT	13.9	24399	$22,142	10.4	26920	150019	6477	678	737	0	0	1123.23
49037	San Juan, UT	17.7	492	$11,170	5.6	231	1791	30	230	7821	7	1	1.69
49039	Sanpete, UT	8.5	317	$12,706	5.1	291	2166	242	36	1588	6	0	12.52
49041	Sevier, UT	8.1	316	$14,965	5.4	289	2298	155	3	1910	7	0	8.98
49043	Summit, UT	8.6	325	$34,060	8.8	477	3259	262	0	1871	6	0	12.82
49045	Tooele, UT	12.6	856	$17,262	8.1	758	4944	433	23	6946	6	1	4.26
49047	Uintah, UT	11.8	644	$12,804	7.8	577	3153	212	91	4477	7	1	5.47
49049	Utah, UT	9.6	5444	$16,099	5	4620	46174	2739	197	1998	2	0	160.01
49051	Wasatch, UT	8.4	208	$17,690	6.3	214	1804	138	2	1181	6	0	10.20
49053	Washington, UT	10	1211	$16,731	6.3	1108	7445	338	19	2427	4	0	30.14
49055	Wayne, UT	4.3	24	$13,740	2.5	18	330	24	0	2461	9	1	0.96
49057	Weber, UT	13.8	5535	$20,121	9.6	5594	31690	1677	213	576	0	0	303.88

REGION VIII WOMEN'S HEALTH STATUS INDICATORS

		DEMOGRAPHICS											
FIPS Code	County Name	1990 % Female Headed Families	1990 Female Headed Families	1996 Per Capita Income	1990 Percent Females Divorced	1990 Females Divorced	1990 Females in Labor Force	1990 Females 16+ Unemployed White	1990 Females 16+ Unemployed Non-White	Land Area	1995 Urb/Rur Continuum Code	1997 Frontier County (yes=1)	1997 Persons per Sq. Mile
56	**WYOMING**	**11.7**	**13,990**		**10.4**	**17,416**	**92,676**	**5,166**	**614**	**97,106**		**18**	**4.96**
56001	Albany, WY	14	960	$18,787	9.5	1154	7092	337	18	4274	5	0	7.21
56003	Big Horn, WY	7.7	221	$15,697	7.4	299	1801	112	8	3137	9	1	3.59
56005	Campbell, WY	10	764	$21,908	10	1005	6087	342	13	4797	7	1	6.67
56007	Carbon, WY	10.6	458	$19,871	8.6	502	3227	161	11	7897	7	1	2.01
56009	Converse, WY	11.8	360	$18,094	11.9	485	2187	209	1	4255	6	1	2.82
56011	Crook, WY	7	101	$21,060	5.1	102	1030	34	0	2859	9	1	2.02
56013	Fremont, WY	14.3	1282	$17,704	10.7	1351	6395	264	233	9183	7	1	3.91
56015	Goshen, WY	11	379	$16,767	8.3	411	2204	181	64	2226	7	1	5.72
56017	Hot Springs, WY	11.5	152	$20,713	12.8	250	1009	61	0	2004	7	1	2.31
56019	Johnson, WY	8.9	153	$20,571	9.3	230	1381	43	0	4166	7	1	1.61
56021	Laramie, WY	13.7	2722	$21,974	12	3409	16141	875	136	2686	3	0	29.48
56023	Lincoln, WY	7.3	235	$17,210	6.3	266	2048	128	4	4069	7	1	3.43
56025	Natrona, WY	13.9	2310	$25,454	11.8	2823	12719	713	22	5340	3	0	11.96
56027	Niobrara, WY	11.5	79	$19,539	10.5	116	505	8	0	2626	9	1	1.00
56029	Park, WY	9.9	626	$21,416	9.5	859	4837	288	29	6943	7	1	3.65
56031	Platte, WY	8.4	192	$18,820	6.7	212	1491	103	0	2085	7	1	4.04
56033	Sheridan, WY	12.4	789	$23,332	12.2	1154	4858	326	18	2523	7	0	10.03
56035	Sublette, WY	6.1	81	$21,154	6	108	954	31	0	4882	9	1	1.14
56037	Sweetwater, WY	10.4	1044	$22,554	9.4	1296	7400	474	44	10426	5	1	3.87
56039	Teton, WY	8.8	247	$40,728	11.7	493	2978	59	0	4008	7	1	3.39
56041	Uinta, WY	10.1	461	$17,932	9.2	559	3469	238	5	2082	7	0	9.73
56043	Washakie, WY	8.7	201	$19,457	5.1	165	1606	80	2	2240	7	1	3.85
56045	Weston, WY	9.5	173	$20,688	6.7	167	1257	99	6	2398	7	1	2.73
	Region VIII	**13.0**	**252,267**		**10.1**	**288,378**	**1,623,127**	**75,387**	**15,353**	**573,463**		**187**	**14.93**
	Total US	**16.5**	**10,666,043**		**9.5**	**9,495,950**		**2,311,510**	**1,199,116**	**3,536,443**		**427**	**75.68**

FIPS Code	County Name	1996 FEMALE MORTALITY FROM LEADING CAUSES (Crude Death Rates per 100,000 Females) All Causes	Heart Diseases	Malignant Neoplasms	Cerebro-vascular	COPD	Pneumonia Influenza	Unintent'l Injuries	Diabetes
08	**COLORADO**	**665.7**	**170.3**	**142.1**	**55.9**	**40.3**	**28.8**	**27.1**	**15.7**
08001	Adams, CO	537.1	129.5	139.7	38.5	28.8	15.4	21.1	16.7
08003	Alamosa, CO	759.6	179.5	110.5	*	55.2	69.1	69.1	*
08005	Arapahoe, CO	536.8	140.1	113.5	41.6	29.6	24.0	21.0	12.0
08007	Archuleta, CO	437.9	*	*	*	103.0	0.0	*	0.0
08009	Baca, CO	967.5	307.8	263.9	*	*	*	0.0	0.0
08011	Bent, CO	1242.0	188.2	376.4	*	*	*	0.0	*
08013	Boulder, CO	579.9	146.5	141.9	57.4	37.2	21.7	25.6	11.6
08015	Chaffee, CO	1188.9	391.5	232.0	116.0	58.0	58.0	*	*
08017	Cheyenne, CO	1234.6	440.9	*	0.0	0.0	0.0	*	0.0
08019	Clear Creek, CO	296.7	*	123.6	*	*	*	*	0.0
08021	Conejos, CO	691.1	204.8	*	*	0.0	0.0	*	153.6
08023	Costilla, CO	842.7	*	*	*	*	*	0.0	*
08025	Crowley, CO	1117.3	248.3	*	0.0	0.0	*	248.3	*
08027	Custer, CO	592.1	328.9	*	0.0	0.0	*	0.0	*
08029	Delta, CO	1255.3	413.2	163.7	148.1	70.2	101.4	70.2	*
08031	Denver, CO	926.9	243.7	182.6	68.4	53.2	42.6	35.6	19.9
08033	Dolores, CO	1094.9	*	0.0	0.0	*	*	*	*
08035	Douglas, CO	282.0	65.1	79.5	23.5	10.8	12.7	19.9	0.0
08037	Eagle, CO	215.0	*	55.5	27.7	*	0.0	55.5	0.0
08039	Elbert, CO	445.8	61.9	161.0	*	*	49.5	*	*
08041	El Paso, CO	570.5	134.6	126.2	73.4	40.1	23.6	19.0	11.4
08043	Fremont, CO	1328.6	414.5	239.1	116.9	63.8	53.1	58.5	53.1
08045	Garfield, CO	614.8	100.6	173.3	55.9	22.4	33.5	27.9	*
08047	Gilpin, CO	287.5	*	0.0	0.0	*	*	0.0	0.0
08049	Grand, CO	514.7	89.5	89.5	*	*	0.0	*	*
08051	Gunnison, CO	367.2	69.9	*	*	0.0	*	*	0.0
08053	Hinsdale, CO	639.0	0.0	*	0.0	0.0	0.0	0.0	0.0
08055	Huerfano, CO	839.3	329.7	*	*	0.0	*	*	*
08057	Jackson, CO	562.6	*	*	0.0	0.0	0.0	0.0	0.0
08059	Jefferson, CO	601.1	152.4	134.3	40.1	38.9	25.3	20.1	13.6
08061	Kiowa, CO	1081.7	*	480.8	*	0.0	*	*	*
08063	Kit Carson, CO	1316.9	301.8	274.3	109.7	192.0	*	164.6	0.0
08065	Lake, CO	299.8	*	*	*	0.0	133.2	0.0	0.0
08067	La Plata, CO	633.2	148.1	143.0	25.5	51.1	30.6	25.5	*
08069	Larimer, CO	612.6	143.8	125.9	54.5	42.0	26.8	15.2	13.4
08071	Las Animas, CO	1287.4	393.0	189.7	149.1	81.3	*	81.3	*
08073	Lincoln, CO	1620.9	540.3	207.8	*	*	*	*	0.0
08075	Logan, CO	971.5	367.0	194.3	86.4	43.2	*	*	43.2
08077	Mesa, CO	911.4	230.1	224.7	84.5	50.3	23.4	32.4	9.0
08079	Mineral, CO	898.2	*	*	*	0.0	0.0	0.0	0.0
08081	Moffat, CO	640.2	185.3	134.8	67.4	*	*	*	*
08083	Montezuma, CO	887.2	266.1	168.6	53.2	53.2	35.5	35.5	*
08085	Montrose, CO	974.3	172.3	152.4	53.0	106.1	33.1	59.7	33.1
08087	Morgan, CO	888.6	206.3	182.5	87.3	*	71.4	31.7	31.7
08089	Otero, CO	1265.2	390.7	176.8	111.6	55.8	65.1	55.8	65.1
08091	Ouray, CO	323.0	*	*	0.0	*	0.0	0.0	0.0
08093	Park, CO	337.1	71.0	141.9	*	*	0.0	*	0.0
08095	Phillips, CO	1143.4	307.8	307.8	*	*	*	0.0	*
08097	Pitkin, CO	235.0	62.7	*	*	0.0	0.0	78.3	0.0
08099	Prowers, CO	830.0	300.5	171.7	0.0	0.0	114.5	57.2	*
08101	Pueblo, CO	897.5	237.8	154.5	60.9	65.4	34.2	34.2	25.3
08103	Rio Blanco, CO	1027.3	321.0	*	*	160.5	*	*	*
08105	Rio Grande, CO	874.0	192.3	192.3	139.8	69.9	*	0.0	0.0
08107	Routt, CO	492.2	88.4	189.3	*	*	*	*	*
08109	Saguache, CO	497.7	*	177.7	*	0.0	*	*	0.0
08111	San Juan, CO	1176.5	*	*	0.0	0.0	*	0.0	0.0
08113	San Miguel, CO	164.2	*	*	0.0	0.0	0.0	0.0	0.0
08115	Sedgwick, CO	1858.7	743.5	*	297.4	0.0	*	*	*
08117	Summit, CO	134.5	*	48.9	*	0.0	*	0.0	*
08119	Teller, CO	360.9	98.4	98.4	*	43.7	*	*	0.0
08121	Washington, CO	852.9	383.8	*	0.0	*	0.0	0.0	0.0
08123	Weld, CO	624.7	165.6	129.1	57.4	33.9	27.4	39.1	14.3
08125	Yuma, CO	953.4	275.4	211.9	105.9	*	*	*	*
30	**MONTANA**	**825.8**	**222.8**	**185.6**	**75.5**	**53.9**	**28.3**	**28.8**	**22.7**
30001	Beaverhead, MT	915.6	178.7	335.0	89.3	*	*	89.3	*

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30003	Big Horn, MT	690.5	128.5	305.1	*	*	*	*	0.0
30005	Blaine, MT	706.6	254.4	*	113.1	*	0.0	*	0.0
30007	Broadwater, MT	765.3	204.1	*	*	0.0	*	0.0	0.0
30009	Carbon, MT	550.1	211.6	105.8	*	*	*	*	*
30011	Carter, MT	1115.8	557.9	0.0	*	0.0	*	0.0	0.0
30013	Cascade, MT	844.0	192.7	180.5	107.3	73.2	14.6	14.6	31.7
30015	Chouteau, MT	957.1	229.7	306.3	229.7	*	0.0	*	0.0
30017	Custer, MT	1294.6	271.7	303.7	*	159.8	79.9	63.9	79.9
30019	Daniels, MT	1385.0	369.3	369.3	*	*	0.0	0.0	0.0
30021	Dawson, MT	899.5	351.0	87.8	131.6	*	*	*	0.0
30023	Deer Lodge, MT	1457.0	571.0	236.3	*	137.8	78.8	78.8	*
30025	Fallon, MT	1130.3	266.0	332.4	0.0	0.0	*	*	*
30027	Fergus, MT	1259.3	450.9	342.0	139.9	77.7	*	0.0	*
30029	Flathead, MT	725.7	196.1	168.1	61.6	50.4	30.8	25.2	16.8
30031	Gallatin, MT	520.6	132.7	98.7	68.0	20.4	20.4	17.0	*
30033	Garfield, MT	1304.3	0.0	579.7	*	0.0	0.0	0.0	0.0
30035	Glacier, MT	841.1	202.5	186.9	93.5	*	0.0	*	*
30037	Golden Valley, MT	618.6	*	*	0.0	0.0	0.0	0.0	0.0
30039	Granite, MT	1298.7	487.0	*	*	0.0	0.0	0.0	*
30041	Hill, MT	616.9	157.0	123.4	67.3	44.9	*	*	*
30043	Jefferson, MT	679.4	191.1	169.9	*	84.9	*	*	0.0
30045	Judith Basin, MT	451.7	*	0.0	0.0	0.0	0.0	0.0	0.0
30047	Lake, MT	830.4	225.7	201.5	120.9	32.2	*	40.3	*
30049	Lewis And Clark, MT	822.7	210.3	177.1	55.3	66.4	22.1	22.1	25.8
30051	Liberty, MT	839.6	*	*	0.0	0.0	0.0	*	0.0
30053	Lincoln, MT	934.1	236.2	225.5	64.4	*	*	64.4	*
30055	Mccone, MT	792.9	396.4	*	0.0	0.0	0.0	0.0	0.0
30057	Madison, MT	1288.7	276.2	398.9	*	*	122.7	*	0.0
30059	Meagher, MT	1986.0	584.1	467.3	*	*	*	*	0.0
30061	Mineral, MT	981.5	381.7	218.1	*	*	0.0	*	0.0
30063	Missoula, MT	583.5	145.3	138.6	49.2	24.6	22.4	24.6	17.9
30065	Musselshell, MT	1162.3	258.3	301.3	*	*	172.2	0.0	0.0
30067	Park, MT	823.6	169.6	169.6	*	*	*	*	0.0
30069	Petroleum, MT	1224.5	0.0	*	0.0	0.0	0.0	0.0	*
30071	Phillips, MT	1101.1	393.2	196.6	*	*	0.0	*	0.0
30073	Pondera, MT	912.8	*	157.4	125.9	0.0	*	157.4	125.9
30075	Powder River, MT	634.2	*	*	0.0	0.0	0.0	0.0	0.0
30077	Powell, MT	1217.0	347.7	208.6	*	*	0.0	*	*
30079	Prairie, MT	1060.6	757.6	0.0	0.0	0.0	0.0	0.0	0.0
30081	Ravalli, MT	948.1	272.6	213.3	100.7	53.3	*	29.6	*
30083	Richland, MT	771.3	424.2	96.4	*	*	77.1	0.0	0.0
30085	Roosevelt, MT	758.8	247.0	123.5	*	70.6	*	*	*
30087	Rosebud, MT	529.4	137.3	*	0.0	0.0	*	78.4	78.4
30089	Sanders, MT	787.7	181.8	161.6	*	80.8	*	121.2	*
30091	Sheridan, MT	1447.3	361.8	542.7	180.9	0.0	0.0	0.0	0.0
30093	Silver Bow, MT	1207.9	313.4	205.1	114.0	102.6	22.8	*	45.6
30095	Stillwater, MT	816.0	184.3	236.9	*	*	*	*	*
30097	Sweet Grass, MT	1029.7	*	*	*	*	*	0.0	*
30099	Teton, MT	973.6	314.1	251.3	*	*	0.0	0.0	*
30101	Toole, MT	684.4	241.5	*	0.0	0.0	*	*	0.0
30103	Treasure, MT	234.2	*	0.0	0.0	0.0	0.0	0.0	0.0
30105	Valley, MT	1081.5	240.3	192.3	*	96.1	240.3	*	*
30107	Wheatland, MT	926.7	*	337.0	*	0.0	*	0.0	0.0
30109	Wibaux, MT	2296.8	883.4	883.4	0.0	0.0	0.0	0.0	0.0
30111	Yellowstone, MT	817.3	224.4	202.8	82.0	63.5	20.1	15.5	12.4
30113	Yellowstone Park, MT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38	**NORTH DAKOTA**	**912.7**	**283.4**	**198.4**	**94.1**	**34.8**	**40.7**	**26.7**	**24.5**
38001	Adams, ND	1888.1	559.4	559.4	*	*	0.0	0.0	*
38003	Barnes, ND	1355.7	451.9	274.4	209.8	*	*	*	96.8
38005	Benson, ND	854.7	294.7	176.8	*	*	*	*	*
38007	Billings, ND	187.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38009	Bottineau, ND	1205.1	267.8	187.5	133.9	*	107.1	*	133.9
38011	Bowman, ND	1731.3	537.3	238.8	238.8	0.0	*	0.0	*
38013	Burke, ND	1135.4	324.4	*	*	0.0	0.0	*	0.0
38015	Burleigh, ND	711.8	213.5	133.5	56.3	29.7	20.8	26.7	17.8
38017	Cass, ND	633.6	187.1	144.7	77.7	35.3	21.2	10.6	7.1

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38019	Cavalier, ND	1322.3	604.5	340.0	*	*	*	0.0	0.0
38021	Dickey, ND	1567.9	522.6	174.2	139.4	*	*	*	*
38023	Divide, ND	2061.9	555.1	396.5	*	0.0	317.2	*	0.0
38025	Dunn, ND	1095.9	383.6	274.0	*	0.0	0.0	0.0	*
38027	Eddy, ND	1588.4	276.2	345.3	276.2	0.0	*	*	*
38029	Emmons, ND	1612.9	506.9	460.8	*	*	*	0.0	*
38031	Foster, ND	1816.3	201.8	302.7	201.8	*	*	*	0.0
38033	Golden Valley, ND	1048.2	524.1	*	0.0	*	0.0	0.0	*
38035	Grand Forks, ND	649.1	171.6	140.1	82.9	28.6	42.9	*	*
38037	Grant, ND	1311.5	524.6	*	*	0.0	*	*	0.0
38039	Griggs, ND	1348.6	337.2	404.6	*	*	*	0.0	0.0
38041	Hettinger, ND	1402.8	467.6	400.8	*	0.0	*	*	*
38043	Kidder, ND	962.2	274.9	*	*	0.0	*	0.0	0.0
38045	La Moure, ND	1179.3	406.7	162.7	*	*	*	*	*
38047	Logan, ND	999.2	416.3	*	0.0	0.0	*	0.0	*
38049	Mchenry, ND	1224.4	496.4	165.5	132.4	*	*	*	*
38051	Mcintosh, ND	1911.8	955.9	531.1	*	0.0	0.0	*	*
38053	Mckenzie, ND	986.3	140.9	246.6	*	0.0	*	140.9	*
38055	Mclean, ND	940.1	306.6	286.1	122.6	0.0	0.0	*	*
38057	Mercer, ND	699.0	254.2	127.1	84.7	*	0.0	0.0	0.0
38059	Morton, ND	771.9	219.4	186.9	81.2	*	*	*	32.5
38061	Mountrail, ND	1240.4	354.4	354.4	*	*	*	*	*
38063	Nelson, ND	1774.8	405.7	608.5	*	0.0	0.0	202.8	*
38065	Oliver, ND	284.9	0.0	*	*	0.0	0.0	0.0	0.0
38067	Pembina, ND	1361.5	499.2	317.7	181.5	*	0.0	0.0	*
38069	Pierce, ND	1351.4	464.5	380.1	211.1	*	0.0	0.0	*
38071	Ramsey, ND	1422.3	584.7	268.6	158.0	*	79.0	*	0.0
38073	Ransom, ND	1355.7	463.8	321.1	*	*	*	*	*
38075	Renville, ND	1200.6	353.1	353.1	0.0	0.0	*	*	0.0
38077	Richland, ND	888.3	341.6	170.8	136.7	68.3	45.6	*	0.0
38079	Rolette, ND	961.1	155.5	311.0	56.5	*	*	56.5	*
38081	Sargent, ND	837.2	186.0	279.1	*	*	0.0	0.0	*
38083	Sheridan, ND	672.6	*	*	0.0	*	0.0	0.0	0.0
38085	Sioux, ND	759.1	*	202.4	0.0	*	*	*	*
38087	Slope, ND	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38089	Stark, ND	859.4	260.4	208.4	60.8	*	78.1	*	*
38091	Steele, ND	1071.4	*	357.1	*	0.0	*	*	0.0
38093	Stutsman, ND	1156.3	357.9	257.0	110.1	*	36.7	*	*
38095	Towner, ND	1241.5	310.4	248.3	*	*	*	0.0	0.0
38097	Traill, ND	1675.7	769.9	113.2	181.2	*	226.4	0.0	*
38099	Walsh, ND	1325.6	545.9	202.7	187.1	*	*	62.4	*
38101	Ward, ND	702.4	226.3	146.5	69.9	30.0	33.3	30.0	13.3
38103	Wells, ND	1469.5	404.1	440.9	*	147.0	*	0.0	*
38105	Williams, ND	912.9	278.7	173.0	96.1	*	*	*	*
46	**SOUTH DAKOTA**	**873.3**	**272.8**	**187.7**	**85.6**	**30.2**	**38.8**	**32.9**	**28.5**
46003	Aurora, SD	1543.6	335.6	*	0.0	*	*	*	*
46005	Beadle, SD	992.3	291.2	204.9	204.9	43.1	*	*	*
46007	Bennett, SD	690.8	*	*	0.0	0.0	0.0	0.0	*
46009	Bon Homme, SD	1226.3	350.4	292.0	146.0	*	*	*	0.0
46011	Brookings, SD	729.5	240.6	163.0	31.0	*	46.6	*	46.6
46013	Brown, SD	908.6	290.3	236.5	91.4	26.9	21.5	32.3	32.3
46015	Brule, SD	648.2	180.1	252.1	*	0.0	0.0	*	0.0
46017	Buffalo, SD	1398.6	*	*	*	0.0	*	0.0	0.0
46019	Butte, SD	1058.4	308.7	286.7	132.3	0.0	*	*	*
46021	Campbell, SD	535.3	428.3	*	0.0	0.0	0.0	0.0	0.0
46023	Charles Mix, SD	1152.1	335.1	209.5	*	*	104.7	104.7	*
46025	Clark, SD	1474.0	506.7	276.4	*	*	0.0	*	*
46027	Clay, SD	701.7	358.0	128.9	57.3	0.0	*	*	*
46029	Codington, SD	872.0	225.8	233.6	62.3	46.7	*	46.7	31.1
46031	Corson, SD	807.2	*	284.9	0.0	0.0	0.0	0.0	189.9
46033	Custer, SD	1010.4	356.6	208.0	118.9	*	0.0	*	0.0
46035	Davison, SD	1187.9	421.2	270.0	118.8	*	86.4	*	0.0
46037	Day, SD	1444.9	662.3	270.9	120.4	120.4	*	*	*
46039	Deuel, SD	995.0	361.8	226.1	*	0.0	0.0	0.0	*
46041	Dewey, SD	742.2	*	168.7	*	0.0	0.0	*	*
46043	Douglas, SD	881.1	385.5	*	0.0	*	*	*	0.0

FIPS Code	County Name	1996 FEMALE MORTALITY FROM LEADING CAUSES (Crude Death Rates per 100,000 Females) All Causes	Heart Diseases	Malignant Neoplasms	Cerebro-vascular	COPD	Pneumonia Influenza	UnIntent'l Injuries	Diabetes
46045	Edmunds, SD	1177.5	271.7	226.4	407.6	*	0.0	*	0.0
46047	Fall River, SD	1015.1	203.0	261.0	*	*	0.0	116.0	*
46049	Faulk, SD	1316.8	387.3	387.3	*	*	0.0	0.0	*
46051	Grant, SD	1135.2	444.2	222.1	246.8	*	0.0	*	0.0
46053	Gregory, SD	1336.9	534.8	229.2	*	*	*	0.0	*
46055	Haakon, SD	698.8	*	310.6	0.0	*	0.0	0.0	0.0
46057	Hamlin, SD	1288.7	405.0	184.1	331.4	*	147.3	*	*
46059	Hand, SD	950.6	190.1	*	*	*	0.0	0.0	*
46061	Hanson, SD	547.6	273.8	*	*	0.0	*	*	0.0
46063	Harding, SD	389.6	*	0.0	*	*	0.0	0.0	0.0
46065	Hughes, SD	777.6	185.1	123.4	98.7	*	49.4	*	*
46067	Hutchinson, SD	1459.9	365.0	267.6	292.0	*	121.7	*	0.0
46069	Hyde, SD	2209.3	1279.1	*	0.0	0.0	0.0	0.0	0.0
46071	Jackson, SD	890.4	274.0	274.0	0.0	0.0	0.0	0.0	0.0
46073	Jerauld, SD	1118.8	516.4	*	*	0.0	*	0.0	0.0
46075	Jones, SD	1153.2	*	823.7	0.0	0.0	0.0	0.0	0.0
46077	Kingsbury, SD	1492.5	497.5	165.8	232.2	0.0	0.0	*	*
46079	Lake, SD	862.2	256.8	128.4	128.4	*	*	0.0	*
46081	Lawrence, SD	1007.6	238.6	256.3	106.1	44.2	*	53.0	*
46083	Lincoln, SD	643.0	196.2	130.8	54.5	0.0	*	*	*
46085	Lyman, SD	736.8	*	210.5	*	0.0	*	*	*
46087	Mc Cook, SD	1564.1	578.0	374.0	136.0	*	136.0	*	*
46089	Mc Pherson, SD	988.8	527.4	329.6	*	*	0.0	0.0	0.0
46091	Marshall, SD	1275.0	467.5	170.0	*	*	*	*	0.0
46093	Meade, SD	721.9	237.6	137.1	*	*	*	64.0	*
46095	Mellette, SD	892.0	0.0	*	*	0.0	*	*	0.0
46097	Miner, SD	2201.5	533.7	600.4	*	0.0	*	0.0	*
46099	Minnehaha, SD	679.0	190.0	148.1	67.1	26.5	43.3	22.4	9.8
46101	Moody, SD	850.8	516.6	*	*	*	0.0	0.0	0.0
46103	Pennington, SD	665.4	211.9	152.7	59.2	41.0	22.8	18.2	16.0
46105	Perkins, SD	603.1	*	*	*	*	0.0	0.0	*
46107	Potter, SD	723.2	*	*	*	0.0	0.0	0.0	*
46109	Roberts, SD	1162.1	489.3	163.1	81.5	*	81.5	0.0	*
46111	Sanborn, SD	736.4	*	*	*	0.0	0.0	0.0	0.0
46113	Shannon, SD	692.9	67.6	101.4	0.0	*	*	*	101.4
46115	Spink, SD	1414.5	429.4	328.4	101.0	*	151.6	*	*
46117	Stanley, SD	473.9	*	*	*	0.0	*	*	0.0
46119	Sully, SD	778.2	*	*	0.0	0.0	0.0	0.0	*
46121	Todd, SD	554.7	128.0	106.7	0.0	0.0	0.0	85.3	*
46123	Tripp, SD	784.4	232.4	116.2	*	0.0	*	*	0.0
46125	Turner, SD	1249.1	567.8	204.4	136.3	0.0	*	90.8	*
46127	Union, SD	816.6	289.2	204.2	85.1	*	*	*	*
46129	Walworth, SD	1794.6	797.6	299.1	*	0.0	*	*	166.2
46135	Yankton, SD	849.1	245.3	179.2	141.5	*	47.2	*	*
46137	Ziebach, SD	534.3	*	*	0.0	0.0	0.0	0.0	*
49	**UTAH**	**530.9**	**140.8**	**98.4**	**48.2**	**19.2**	**24.9**	**21.9**	**22.3**
49001	Beaver, UT	880.6	422.7	211.3	0.0	0.0	0.0	*	*
49003	Box Elder, UT	577.1	219.6	107.3	71.5	*	20.4	*	30.6
49005	Cache, UT	417.9	120.1	57.6	38.4	*	43.2	14.4	12.0
49007	Carbon, UT	757.2	239.6	153.4	57.5	47.9	38.3	*	*
49009	Daggett, UT	272.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49011	Davis, UT	389.6	97.4	74.0	36.5	14.0	15.0	12.2	17.8
49013	Duchesne, UT	589.4	132.6	103.1	73.7	0.0	*	*	*
49015	Emery, UT	590.8	275.7	78.8	*	*	0.0	*	*
49017	Garfield, UT	1008.1	403.2	*	0.0	*	0.0	*	0.0
49019	Grand, UT	874.8	125.0	200.0	150.0	*	*	*	*
49021	Iron, UT	474.0	140.7	111.1	*	*	29.6	29.6	0.0
49023	Juab, UT	816.1	204.0	*	204.0	0.0	*	*	*
49025	Kane, UT	951.4	317.1	246.7	*	0.0	*	*	*
49027	Millard, UT	756.7	269.0	185.0	67.3	*	0.0	*	0.0
49029	Morgan, UT	272.9	*	*	*	0.0	0.0	*	*
49031	Piute, UT	879.8	*	*	0.0	*	0.0	0.0	0.0
49033	Rich, UT	229.1	0.0	*	0.0	0.0	0.0	*	0.0
49035	Salt Lake, UT	550.5	135.4	107.0	45.7	23.1	25.7	21.6	20.9
49037	San Juan, UT	467.1	75.3	105.5	*	0.0	*	60.3	0.0
49039	Sanpete, UT	740.1	236.4	51.4	82.2	51.4	*	41.1	41.1

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49041	Sevier, UT	1008.0	266.5	173.8	208.6	*	*	*	81.1
49043	Summit, UT	334.0	59.9	51.4	42.8	0.0	*	42.8	*
49045	Tooele, UT	515.9	172.0	96.3	*	*	*	*	*
49047	Uintah, UT	495.0	154.2	105.5	*	40.6	*	*	0.0
49049	Utah, UT	431.0	115.6	79.1	42.7	9.9	23.5	20.4	17.9
49051	Wasatch, UT	769.9	184.1	100.4	*	*	*	83.7	*
49053	Washington, UT	677.3	140.3	159.2	72.9	27.0	29.7	27.0	35.1
49055	Wayne, UT	529.1	*	*	0.0	0.0	*	0.0	0.0
49057	Weber, UT	633.5	192.0	93.7	63.2	23.7	26.0	20.3	40.7
56	**WYOMING**	**743.9**	**190.8**	**174.0**	**71.5**	**51.5**	**28.0**	**33.5**	**22.2**
56001	Albany, WY	480.9	88.1	108.4	*	47.4	40.6	*	0.0
56003	Big Horn, WY	1142.0	339.0	124.9	160.6	*	71.4	*	*
56005	Campbell, WY	358.8	64.1	140.9	32.0	*	*	25.6	*
56007	Carbon, WY	975.3	379.3	162.6	*	67.7	*	*	*
56009	Converse, WY	725.8	181.5	198.0	82.5	*	0.0	*	*
56011	Crook, WY	840.9	175.2	315.3	*	*	*	*	*
56013	Fremont, WY	870.0	205.0	160.7	77.6	61.0	27.7	38.8	22.2
56015	Goshen, WY	887.9	290.9	183.7	137.8	*	0.0	*	0.0
56017	Hot Springs, WY	856.9	342.8	214.2	0.0	0.0	*	*	0.0
56019	Johnson, WY	1067.9	207.7	356.0	118.7	148.3	0.0	0.0	0.0
56021	Laramie, WY	757.7	171.7	189.4	70.7	63.1	22.7	35.4	32.8
56023	Lincoln, WY	514.3	191.0	73.5	*	0.0	*	*	*
56025	Natrona, WY	823.6	178.9	225.2	74.0	46.3	27.8	40.1	37.0
56027	Niobrara, WY	1131.5	495.0	*	0.0	*	0.0	*	0.0
56029	Park, WY	694.4	187.3	140.4	54.6	78.0	39.0	*	31.2
56031	Platte, WY	1275.7	401.6	212.6	94.5	189.0	0.0	0.0	*
56033	Sheridan, WY	953.1	234.4	226.5	179.7	62.5	39.1	31.2	*
56035	Sublette, WY	674.7	187.4	149.9	*	*	*	*	0.0
56037	Sweetwater, WY	590.0	191.6	95.8	50.4	40.3	25.2	40.3	*
56039	Teton, WY	540.4	123.5	154.4	108.1	*	0.0	*	*
56041	Uinta, WY	444.5	131.3	90.9	*	*	0.0	*	*
56043	Washakie, WY	1319.8	330.0	424.2	141.4	*	117.8	94.3	*
56045	Weston, WY	703.8	122.4	244.8	*	*	122.4	0.0	0.0
	Region VIII	**691.4**	**187.2**	**146.3**	**62.4**	**36.1**	**29.6**	**26.9**	**20.1**
	Total US	**849.7**	**275.5**	**190.2**	**71.9**	**38.0**	**33.8**	**24.6**	**25.2**

* Indicates zero population in county or incidence = 1, 2, or 3

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08	**COLORADO**	**665.7**	**690.0**	**491.1**	**286.0**	**183.5**	**364.5**
08001	Adams, CO	537.1	560.7	295.0	255.9	215.3	264.1
08003	Alamosa, CO	759.6	764.2	0.0	0.0	*	601.2
08005	Arapahoe, CO	536.8	565.0	386.5	*	161.6	205.9
08007	Archuleta, CO	437.9	451.5	0.0	0.0	0.0	*
08009	Baca, CO	967.5	984.3	0.0	0.0	0.0	0.0
08011	Bent, CO	1242.0	1266.8	0.0	0.0	0.0	504.4
08013	Boulder, CO	579.9	603.4	*	0.0	*	270.2
08015	Chaffee, CO	1188.9	1204.1	0.0	0.0	0.0	993.4
08017	Cheyenne, CO	1234.6	1244.4	*	0.0	0.0	0.0
08019	Clear Creek, CO	296.7	301.1	0.0	0.0	0.0	0.0
08021	Conejos, CO	691.1	697.1	0.0	0.0	0.0	648.3
08023	Costilla, CO	842.7	859.1	0.0	0.0	0.0	709.7
08025	Crowley, CO	1117.3	1089.7	0.0	*	0.0	*
08027	Custer, CO	592.1	600.8	*	0.0	0.0	0.0
08029	Delta, CO	1255.3	1270.6	0.0	0.0	0.0	735.3
08031	Denver, CO	926.9	1004.8	663.1	581.1	235.9	410.6
08033	Dolores, CO	1094.9	1133.5	*	0.0	0.0	0.0
08035	Douglas, CO	282.0	283.6	*	*	*	*
08037	Eagle, CO	215.0	217.9	0.0	0.0	0.0	316.6
08039	Elbert, CO	445.8	454.4	0.0	0.0	0.0	0.0
08041	El Paso, CO	570.5	611.8	311.7	*	218.0	266.1
08043	Fremont, CO	1328.6	1358.0	0.0	*	0.0	397.4
08045	Garfield, CO	614.8	623.8	0.0	0.0	0.0	*
08047	Gilpin, CO	287.5	293.8	0.0	0.0	0.0	0.0
08049	Grand, CO	514.7	520.0	0.0	0.0	0.0	*
08051	Gunnison, CO	367.2	375.0	0.0	0.0	0.0	*
08053	Hinsdale, CO	639.0	*	0.0	0.0	*	0.0
08055	Huerfano, CO	839.3	854.4	0.0	0.0	0.0	631.6
08057	Jackson, CO	562.6	575.5	*	0.0	0.0	*
08059	Jefferson, CO	601.1	612.4	607.9	*	216.1	266.1
08061	Kiowa, CO	1081.7	1092.2	*	0.0	*	0.0
08063	Kit Carson, CO	1316.9	1328.5	0.0	0.0	0.0	0.0
08065	Lake, CO	299.8	304.7	0.0	0.0	0.0	0.0
08067	La Plata, CO	633.2	664.9	0.0	*	0.0	319.4
08069	Larimer, CO	612.6	623.7	613.5	*	*	206.4
08071	Las Animas, CO	1287.4	1308.0	0.0	0.0	0.0	1030.6
08073	Lincoln, CO	1620.9	1642.1	0.0	0.0	0.0	0.0
08075	Logan, CO	971.5	978.9	0.0	0.0	0.0	*
08077	Mesa, CO	911.4	925.0	*	*	*	360.4
08079	Mineral, CO	898.2	*	*	0.0	*	0.0
08081	Moffat, CO	640.2	632.4	0.0	*	0.0	0.0
08083	Montezuma, CO	887.2	960.8	0.0	323.6	0.0	*
08085	Montrose, CO	974.3	987.6	0.0	0.0	0.0	587.9
08087	Morgan, CO	888.6	895.3	0.0	*	0.0	413.2
08089	Otero, CO	1265.2	1289.8	*	0.0	0.0	720.5
08091	Ouray, CO	323.0	325.9	*	0.0	0.0	0.0
08093	Park, CO	337.1	344.0	0.0	0.0	0.0	0.0
08095	Phillips, CO	1143.4	1104.7	*	*	0.0	0.0
08097	Pitkin, CO	235.0	239.8	0.0	0.0	0.0	*
08099	Prowers, CO	830.0	840.8	0.0	0.0	0.0	516.9
08101	Pueblo, CO	897.5	921.4	457.0	0.0	0.0	505.5
08103	Rio Blanco, CO	1027.3	1007.5	0.0	0.0	*	*
08105	Rio Grande, CO	874.0	883.9	0.0	0.0	0.0	525.0
08107	Routt, CO	492.2	496.9	0.0	0.0	0.0	*
08109	Saguache, CO	497.7	514.9	0.0	0.0	0.0	367.6
08111	San Juan, CO	1176.5	*	*	0.0	*	0.0
08113	San Miguel, CO	164.2	165.6	*	0.0	0.0	0.0
08115	Sedgwick, CO	1858.7	1893.9	0.0	0.0	0.0	*
08117	Summit, CO	134.5	137.2	0.0	0.0	0.0	0.0
08119	Teller, CO	360.9	367.1	0.0	0.0	0.0	0.0
08121	Washington, CO	852.9	856.5	0.0	0.0	0.0	0.0
08123	Weld, CO	624.7	635.3	0.0	*	*	318.2
08125	Yuma, CO	953.4	959.1	0.0	0.0	0.0	*
30	**MONTANA**	**825.8**	**854.2**	**366.8**	**491.0**	**207.8**	**209.5**
30001	Beaverhead, MT	915.6	937.8	0.0	0.0	0.0	0.0

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30003	Big Horn, MT	690.5	937.5	0.0	525.3	0.0	0.0
30005	Blaine, MT	706.6	1020.4	0.0	271.9	0.0	0.0
30007	Broadwater, MT	765.3	780.4	*	0.0	0.0	0.0
30009	Carbon, MT	550.1	554.6	0.0	0.0	0.0	0.0
30011	Carter, MT	1115.8	985.9	*	*	0.0	*
30013	Cascade, MT	844.0	878.4	*	549.1	*	*
30015	Chouteau, MT	957.1	999.6	0.0	0.0	0.0	0.0
30017	Custer, MT	1294.6	1317.3	0.0	0.0	0.0	0.0
30019	Daniels, MT	1385.0	1408.5	*	0.0	0.0	0.0
30021	Dawson, MT	899.5	911.9	0.0	0.0	0.0	0.0
30023	Deer Lodge, MT	1457.0	1483.1	0.0	*	0.0	0.0
30025	Fallon, MT	1130.3	1157.2	0.0	0.0	0.0	0.0
30027	Fergus, MT	1259.3	1275.6	0.0	0.0	0.0	0.0
30029	Flathead, MT	725.7	733.9	0.0	*	0.0	*
30031	Gallatin, MT	520.6	522.7	*	0.0	*	0.0
30033	Garfield, MT	1304.3	1317.7	*	0.0	0.0	0.0
30035	Glacier, MT	841.1	1106.9	0.0	659.6	0.0	0.0
30037	Golden Valley, MT	618.6	*	*	0.0	0.0	0.0
30039	Granite, MT	1298.7	1319.0	*	0.0	0.0	0.0
30041	Hill, MT	616.9	657.7	0.0	448.4	0.0	0.0
30043	Jefferson, MT	679.4	669.0	0.0	*	0.0	0.0
30045	Judith Basin, MT	451.7	455.8	*	0.0	0.0	0.0
30047	Lake, MT	830.4	949.2	0.0	410.8	0.0	0.0
30049	Lewis And Clark, MT	822.7	837.1	0.0	552.5	0.0	0.0
30051	Liberty, MT	839.6	887.3	0.0	0.0	0.0	0.0
30053	Lincoln, MT	934.1	955.3	0.0	0.0	0.0	*
30055	Mccone, MT	792.9	800.0	*	0.0	0.0	0.0
30057	Madison, MT	1288.7	1302.7	*	0.0	0.0	0.0
30059	Meagher, MT	1986.0	1997.6	*	0.0	0.0	0.0
30061	Mineral, MT	981.5	958.3	0.0	*	0.0	0.0
30063	Missoula, MT	583.5	603.6	0.0	*	0.0	0.0
30065	Musselshell, MT	1162.3	1171.9	0.0	0.0	0.0	0.0
30067	Park, MT	823.6	841.0	0.0	0.0	0.0	0.0
30069	Petroleum, MT	1224.5	*	*	0.0	*	*
30071	Phillips, MT	1101.1	1084.1	0.0	*	0.0	0.0
30073	Pondera, MT	912.8	1008.6	*	*	0.0	0.0
30075	Powder River, MT	634.2	647.2	*	0.0	0.0	0.0
30077	Powell, MT	1217.0	1142.9	*	*	0.0	0.0
30079	Prairie, MT	1060.6	1075.3	*	0.0	0.0	0.0
30081	Ravalli, MT	948.1	966.1	0.0	0.0	0.0	*
30083	Richland, MT	771.3	787.4	0.0	0.0	0.0	0.0
30085	Roosevelt, MT	758.8	1053.4	0.0	485.3	0.0	0.0
30087	Rosebud, MT	529.4	447.7	0.0	742.7	0.0	0.0
30089	Sanders, MT	787.7	821.4	0.0	*	0.0	0.0
30091	Sheridan, MT	1447.3	1472.6	*	0.0	0.0	0.0
30093	Silver Bow, MT	1207.9	1224.5	*	0.0	*	*
30095	Stillwater, MT	816.0	826.4	0.0	0.0	0.0	0.0
30097	Sweet Grass, MT	1029.7	1038.7	0.0	0.0	0.0	0.0
30099	Teton, MT	973.6	961.2	0.0	*	0.0	0.0
30101	Toole, MT	684.4	708.9	0.0	0.0	0.0	0.0
30103	Treasure, MT	234.2	*	*	0.0	0.0	0.0
30105	Valley, MT	1081.5	1156.5	*	*	0.0	0.0
30107	Wheatland, MT	926.7	945.0	*	0.0	0.0	*
30109	Wibaux, MT	2296.8	2309.1	*	0.0	0.0	0.0
30111	Yellowstone, MT	817.3	830.5	*	534.8	*	326.1
30113	Yellowstone Park, MT	0.0	0.0	*	*	*	*
38	**NORTH DAKOTA**	**912.7**	**941.9**	**113.8**	**560.1**	**75.4**	**126.2**
38001	Adams, ND	1888.1	1894.7	0.0	0.0	*	*
38003	Barnes, ND	1355.7	1372.8	0.0	0.0	0.0	0.0
38005	Benson, ND	854.7	1016.8	*	632.5	0.0	0.0
38007	Billings, ND	187.3	*	*	0.0	*	*
38009	Bottineau, ND	1205.1	1165.9	*	*	0.0	0.0
38011	Bowman, ND	1731.3	1735.5	*	0.0	0.0	0.0
38013	Burke, ND	1135.4	1147.5	*	0.0	0.0	0.0
38015	Burleigh, ND	711.8	726.3	0.0	394.9	0.0	0.0
38017	Cass, ND	633.6	643.0	*	*	0.0	*

FIPS Code	County Name	1996 FEMALE MORTALITY FROM ALL CAUSES (Crude Death Rates per 100,000 Females by Race/Ethnicity) Total Females	White	Black	American Indian	Asian/Pac Islander	Hispanic
38019	Cavalier, ND	1322.3	1337.9	0.0	0.0	0.0	0.0
38021	Dickey, ND	1567.9	1582.3	0.0	0.0	0.0	0.0
38023	Divide, ND	2061.9	2080.0	*	0.0	0.0	0.0
38025	Dunn, ND	1095.9	1243.0	*	0.0	0.0	0.0
38027	Eddy, ND	1588.4	1546.0	*	*	0.0	0.0
38029	Emmons, ND	1612.9	1615.1	*	0.0	*	0.0
38031	Foster, ND	1816.3	1835.8	*	0.0	0.0	0.0
38033	Golden Valley, ND	1048.2	1059.3	*	0.0	0.0	*
38035	Grand Forks, ND	649.1	685.9	*	0.0	*	*
38037	Grant, ND	1311.5	1331.6	*	0.0	0.0	0.0
38039	Griggs, ND	1348.6	1354.1	*	0.0	0.0	0.0
38041	Hettinger, ND	1402.8	1411.3	*	0.0	0.0	0.0
38043	Kidder, ND	962.2	964.2	*	*	0.0	0.0
38045	La Moure, ND	1179.3	1180.3	*	0.0	*	0.0
38047	Logan, ND	999.2	1002.5	*	0.0	0.0	0.0
38049	Mchenry, ND	1224.4	1231.3	0.0	0.0	0.0	*
38051	Mcintosh, ND	1911.8	1921.0	*	0.0	0.0	0.0
38053	Mckenzie, ND	986.3	1099.8	*	*	0.0	0.0
38055	Mclean, ND	940.1	981.5	*	*	0.0	0.0
38057	Mercer, ND	699.0	722.3	0.0	0.0	0.0	0.0
38059	Morton, ND	771.9	784.1	0.0	*	0.0	0.0
38061	Mountrail, ND	1240.4	1388.9	0.0	765.3	0.0	0.0
38063	Nelson, ND	1774.8	1778.5	0.0	0.0	0.0	0.0
38065	Oliver, ND	284.9	*	*	0.0	*	0.0
38067	Pembina, ND	1361.5	1364.5	0.0	*	0.0	0.0
38069	Pierce, ND	1351.4	1362.3	0.0	0.0	0.0	*
38071	Ramsey, ND	1422.3	1477.3	0.0	*	0.0	0.0
38073	Ransom, ND	1355.7	1366.4	0.0	0.0	0.0	0.0
38075	Renville, ND	1200.6	1147.8	0.0	*	0.0	0.0
38077	Richland, ND	888.3	920.1	0.0	0.0	0.0	0.0
38079	Rolette, ND	961.1	1465.9	0.0	740.3	0.0	0.0
38081	Sargent, ND	837.2	840.3	*	0.0	0.0	0.0
38083	Sheridan, ND	672.6	676.4	*	0.0	*	*
38085	Sioux, ND	759.1	1246.9	*	640.2	0.0	0.0
38087	Slope, ND	0.0	0.0	*	0.0	*	*
38089	Stark, ND	859.4	873.9	0.0	0.0	0.0	0.0
38091	Steele, ND	1071.4	1075.3	*	0.0	0.0	0.0
38093	Stutsman, ND	1156.3	1173.0	0.0	0.0	0.0	0.0
38095	Towner, ND	1241.5	1265.8	0.0	0.0	0.0	0.0
38097	Traill, ND	1675.7	1694.9	0.0	0.0	0.0	0.0
38099	Walsh, ND	1325.6	1344.9	0.0	0.0	0.0	*
38101	Ward, ND	702.4	737.0	0.0	*	*	0.0
38103	Wells, ND	1469.5	1473.8	*	0.0	0.0	0.0
38105	Williams, ND	912.9	955.6	0.0	*	0.0	0.0
46	**SOUTH DAKOTA**	**873.3**	**901.7**	**282.5**	**642.8**	**160.2**	**169.5**
46003	Aurora, SD	1543.6	1554.1	*	0.0	0.0	0.0
46005	Beadle, SD	992.3	994.4	0.0	*	0.0	0.0
46007	Bennett, SD	690.8	682.6	0.0	705.9	0.0	0.0
46009	Bon Homme, SD	1226.3	1217.0	0.0	*	0.0	0.0
46011	Brookings, SD	729.5	746.9	0.0	0.0	0.0	0.0
46013	Brown, SD	908.6	938.5	0.0	*	0.0	0.0
46015	Brule, SD	648.2	700.4	0.0	0.0	0.0	0.0
46017	Buffalo, SD	1398.6	*	*	1347.3	*	*
46019	Butte, SD	1058.4	1067.9	0.0	*	0.0	*
46021	Campbell, SD	535.3	541.7	0.0	0.0	0.0	0.0
46023	Charles Mix, SD	1152.1	1323.8	*	610.8	0.0	0.0
46025	Clark, SD	1474.0	1482.2	0.0	0.0	0.0	0.0
46027	Clay, SD	701.7	745.0	0.0	0.0	0.0	*
46029	Codington, SD	872.0	879.6	0.0	*	0.0	0.0
46031	Corson, SD	807.2	891.1	*	732.6	0.0	0.0
46033	Custer, SD	1010.4	1015.7	*	0.0	0.0	0.0
46035	Davison, SD	1187.9	1204.3	0.0	*	0.0	0.0
46037	Day, SD	1444.9	1509.7	*	*	0.0	0.0
46039	Deuel, SD	995.0	1001.4	*	0.0	0.0	0.0
46041	Dewey, SD	742.2	1049.0	0.0	623.2	0.0	0.0
46043	Douglas, SD	881.1	885.4	*	0.0	0.0	*

FIPS Code	County Name	1996 FEMALE MORTALITY FROM ALL CAUSES (Crude Death Rates per 100,000 Females by Race/Ethnicity) Total Females	White	Black	American Indian	Asian/Pac Islander	Hispanic
46045	Edmunds, SD	1177.5	1185.1	*	0.0	0.0	0.0
46047	Fall River, SD	1015.1	848.8	0.0	3433.5	0.0	0.0
46049	Faulk, SD	1316.8	1323.0	*	0.0	0.0	0.0
46051	Grant, SD	1135.2	1145.1	0.0	0.0	0.0	0.0
46053	Gregory, SD	1336.9	1377.6	*	*	0.0	0.0
46055	Haakon, SD	698.8	716.0	0.0	0.0	0.0	0.0
46057	Hamlin, SD	1288.7	1297.7	0.0	0.0	0.0	0.0
46059	Hand, SD	950.6	957.9	*	0.0	0.0	0.0
46061	Hanson, SD	547.6	549.8	*	0.0	*	0.0
46063	Harding, SD	389.6	*	0.0	0.0	0.0	0.0
46065	Hughes, SD	777.6	818.4	0.0	*	0.0	0.0
46067	Hutchinson, SD	1459.9	1467.7	*	0.0	0.0	0.0
46069	Hyde, SD	2209.3	2289.2	*	0.0	0.0	0.0
46071	Jackson, SD	890.4	1361.4	*	*	0.0	0.0
46073	Jerauld, SD	1118.8	1128.5	*	0.0	0.0	*
46075	Jones, SD	1153.2	1160.9	*	0.0	0.0	*
46077	Kingsbury, SD	1492.5	1498.0	*	0.0	0.0	0.0
46079	Lake, SD	862.2	870.2	0.0	0.0	0.0	0.0
46081	Lawrence, SD	1007.6	1034.5	0.0	0.0	*	0.0
46083	Lincoln, SD	643.0	649.4	0.0	0.0	0.0	0.0
46085	Lyman, SD	736.8	780.0	0.0	656.8	0.0	0.0
46087	Mc Cook, SD	1564.1	1575.3	*	0.0	0.0	0.0
46089	Mc Pherson, SD	988.8	992.7	0.0	0.0	0.0	*
46091	Marshall, SD	1275.0	1321.2	*	*	0.0	0.0
46093	Meade, SD	721.9	746.6	0.0	*	0.0	0.0
46095	Mellette, SD	892.0	796.8	0.0	994.0	0.0	0.0
46097	Miner, SD	2201.5	2141.9	0.0	*	0.0	0.0
46099	Minnehaha, SD	679.0	685.1	*	409.8	*	*
46101	Moody, SD	850.8	841.5	0.0	*	0.0	0.0
46103	Pennington, SD	665.4	704.4	*	467.9	*	*
46105	Perkins, SD	603.1	616.6	0.0	0.0	0.0	0.0
46107	Potter, SD	723.2	667.1	*	*	0.0	0.0
46109	Roberts, SD	1162.1	1364.3	*	568.2	0.0	0.0
46111	Sanborn, SD	736.4	757.0	0.0	0.0	0.0	0.0
46113	Shannon, SD	692.9	*	0.0	691.4	0.0	0.0
46115	Spink, SD	1414.5	1427.8	0.0	0.0	0.0	0.0
46117	Stanley, SD	473.9	508.7	*	0.0	*	0.0
46119	Sully, SD	778.2	787.4	*	0.0	*	0.0
46121	Todd, SD	554.7	*	0.0	603.0	0.0	0.0
46123	Tripp, SD	784.4	886.7	*	0.0	0.0	0.0
46125	Turner, SD	1249.1	1255.4	0.0	0.0	0.0	0.0
46127	Union, SD	816.6	808.1	0.0	*	0.0	0.0
46129	Walworth, SD	1794.6	1619.4	*	3533.6	0.0	0.0
46135	Yankton, SD	849.1	863.7	0.0	*	0.0	*
46137	Ziebach, SD	534.3	*	0.0	522.2	0.0	0.0
49	**UTAH**	**530.9**	**542.1**	**338.7**	**388.2**	**233.6**	**242.5**
49001	Beaver, UT	880.6	890.9	0.0	0.0	0.0	0.0
49003	Box Elder, UT	577.1	578.2	0.0	*	*	*
49005	Cache, UT	417.9	431.6	0.0	0.0	*	*
49007	Carbon, UT	757.2	773.5	0.0	0.0	0.0	428.0
49009	Daggett, UT	272.5	*	*	0.0	0.0	0.0
49011	Davis, UT	389.6	398.0	*	*	224.6	217.0
49013	Duchesne, UT	589.4	583.1	0.0	*	0.0	*
49015	Emery, UT	590.8	597.1	0.0	0.0	0.0	0.0
49017	Garfield, UT	1008.1	1032.5	*	0.0	0.0	0.0
49019	Grand, UT	874.8	907.9	0.0	0.0	0.0	0.0
49021	Iron, UT	474.0	492.9	0.0	0.0	0.0	0.0
49023	Juab, UT	816.1	831.8	0.0	0.0	0.0	0.0
49025	Kane, UT	951.4	935.6	0.0	0.0	*	*
49027	Millard, UT	756.7	779.5	0.0	0.0	0.0	*
49029	Morgan, UT	272.9	275.3	0.0	0.0	0.0	0.0
49031	Piute, UT	879.8	886.3	*	0.0	0.0	*
49033	Rich, UT	229.1	*	0.0	0.0	0.0	0.0
49035	Salt Lake, UT	550.5	566.7	285.9	325.9	227.1	257.9
49037	San Juan, UT	467.1	374.1	0.0	545.4	0.0	*
49039	Sanpete, UT	740.1	761.5	*	0.0	0.0	0.0

FIPS Code	County Name	1996 FEMALE MORTALITY FROM ALL CAUSES (Crude Death Rates per 100,000 Females by Race/Ethnicity) Total Females	White	Black	American Indian	Asian/Pac Islander	Hispanic
49041	Sevier, UT	1008.0	1011.9	0.0	*	0.0	0.0
49043	Summit, UT	334.0	329.8	0.0	*	0.0	0.0
49045	Tooele, UT	515.9	507.7	*	*	*	*
49047	Uintah, UT	495.0	506.3	0.0	433.5	0.0	*
49049	Utah, UT	431.0	435.7	*	*	261.8	144.4
49051	Wasatch, UT	769.9	777.7	0.0	0.0	0.0	*
49053	Washington, UT	677.3	674.6	0.0	886.5	*	*
49055	Wayne, UT	529.1	539.6	0.0	0.0	0.0	0.0
49057	Weber, UT	633.5	648.6	609.4	0.0	*	357.1
56	**WYOMING**	**743.9**	**757.8**	**485.2**	**431.3**	**238.3**	**431.1**
56001	Albany, WY	480.9	500.7	0.0	0.0	0.0	*
56003	Big Horn, WY	1142.0	1132.9	0.0	0.0	*	*
56005	Campbell, WY	358.8	359.7	0.0	*	0.0	*
56007	Carbon, WY	975.3	995.4	0.0	0.0	0.0	586.5
56009	Converse, WY	725.8	736.5	0.0	0.0	0.0	*
56011	Crook, WY	840.9	846.9	0.0	0.0	0.0	0.0
56013	Fremont, WY	870.0	937.0	0.0	610.6	0.0	599.7
56015	Goshen, WY	887.9	897.6	0.0	0.0	0.0	0.0
56017	Hot Springs, WY	856.9	833.3	0.0	*	*	0.0
56019	Johnson, WY	1067.9	1078.5	*	0.0	0.0	0.0
56021	Laramie, WY	757.7	783.4	515.0	0.0	*	734.8
56023	Lincoln, WY	514.3	520.3	0.0	0.0	0.0	0.0
56025	Natrona, WY	823.6	832.2	*	0.0	*	423.7
56027	Niobrara, WY	1131.5	1151.1	0.0	0.0	0.0	0.0
56029	Park, WY	694.4	703.7	0.0	0.0	0.0	*
56031	Platte, WY	1275.7	1281.7	0.0	0.0	0.0	0.0
56033	Sheridan, WY	953.1	967.6	0.0	0.0	0.0	*
56035	Sublette, WY	674.7	687.8	0.0	0.0	0.0	0.0
56037	Sweetwater, WY	590.0	591.3	*	0.0	*	*
56039	Teton, WY	540.4	551.1	0.0	0.0	0.0	0.0
56041	Uinta, WY	444.5	452.0	0.0	0.0	0.0	0.0
56043	Washakie, WY	1319.8	1343.9	0.0	0.0	0.0	*
56045	Weston, WY	703.8	715.6	*	0.0	0.0	0.0
	Region VIII	**691.4**	**712.1**	**466.4**	**491.1**	**196.6**	**339.3**
	Total US	**849.7**	**896.2**	**753.5**	**396.0**	**257.9**	**289.1**

* Indicates zero population in county or incidence = 1, 2, or 3

FIPS Code	County Name	1997 INCIDENCE OF INFECTIOUS DISEASES IN FEMALES									
		Hepatitis						Syphilis			
		HEP A	HEP B	HEP C	TB	Chlamydia	Gonorrhea	Early	Total	AIDS	HIV
08	**COLORADO**	**125**	**40**	**9**	**41**	**5946**	**1184**	**10**	**15**	**35**	**38**
08001	Adams, CO	9	3	3	5		118	0	0	2	4
08003	Alamosa, CO	1	0	0	0		0	0	0	0	0
08005	Arapahoe, CO	18	6	1	5		147	2	3	3	6
08007	Archuleta, CO	0	0	0	0		0	0	0	0	0
08009	Baca, CO	0	0	0	0		0	0	0	0	0
08011	Bent, CO	0	0	0	0		0	0	0	0	0
08013	Boulder, CO	12	2	0	1		11	0	0	3	0
08015	Chaffee, CO	0	0	0	0		2	0	0	0	0
08017	Cheyenne, CO	0	0	0	0		0	0	0	0	0
08019	Clear Creek, CO	1	0	0	0		3	0	0	0	0
08021	Conejos, CO	1	0	0	0		0	0	0	0	0
08023	Costilla, CO	0	0	0	0		0	0	0	0	1
08025	Crowley, CO	0	0	0	0		0	0	0	0	0
08027	Custer, CO	0	0	0	0		0	0	0	0	0
08029	Delta, CO	0	0	0	0		1	0	0	0	0
08031	Denver, CO	26	6	1	17		555	5	8	13	11
08033	Dolores, CO	0	0	0	0		0	0	0	0	0
08035	Douglas, CO	1	1	0	1		2	0	0	0	1
08037	Eagle, CO	3	0	0	1		0	0	0	0	0
08039	Elbert, CO	0	0	0	0		0	0	0	0	0
08041	El Paso, CO	5	4	0	0		181	1	1	2	3
08043	Fremont, CO	4	0	0	0		3	0	0	1	0
08045	Garfield, CO	1	0	0	1		0	0	0	1	2
08047	Gilpin, CO	0	0	0	0		0	0	0	0	0
08049	Grand, CO	0	0	0	0		0	0	0	0	0
08051	Gunnison, CO	1	0	0	0		0	0	0	0	0
08053	Hinsdale, CO	0	0	0	0		0	0	0	0	0
08055	Huerfano, CO	0	0	0	0		1	0	0	0	0
08057	Jackson, CO	0	0	0	0		0	0	0	0	0
08059	Jefferson, CO	14	8	1	1		44	0	0	4	4
08061	Kiowa, CO	0	0	0	0		0	0	0	0	0
08063	Kit Carson, CO	0	0	0	0		0	0	0	0	0
08065	Lake, CO	0	0	0	0		0	0	0	0	0
08067	La Plata, CO	0	0	0	0		1	0	0	0	1
08069	Larimer, CO	6	5	2	1		13	2	3	0	2
08071	Las Animas, CO	1	0	0	2		0	0	0	0	0
08073	Lincoln, CO	0	1	0	0		0	0	0	0	0
08075	Logan, CO	0	0	0	0		0	0	0	0	0
08077	Mesa, CO	1	1	0	1		5	0	0	1	0
08079	Mineral, CO	0	0	0	0		0	0	0	0	0
08081	Moffat, CO	0	0	0	0		0	0	0	0	0
08083	Montezuma, CO	0	0	0	0		1	0	0	0	1
08085	Montrose, CO	8	0	0	0		1	0	0	1	0
08087	Morgan, CO	0	0	0	1		2	0	0	0	0
08089	Otero, CO	0	0	0	0		5	0	0	0	1
08091	Ouray, CO	0	0	0	0		0	0	0	0	0
08093	Park, CO	0	0	0	0		1	0	0	0	0
08095	Phillips, CO	0	0	0	0		0	0	0	0	0
08097	Pitkin, CO	2	0	0	0		0	0	0	0	0
08099	Prowers, CO	0	0	0	0		0	0	0	0	0
08101	Pueblo, CO	2	1	0	1		49	0	0	3	0
08103	Rio Blanco, CO	0	0	0	0		0	0	0	0	0
08105	Rio Grande, CO	0	0	0	0		0	0	0	0	0
08107	Routt, CO	2	0	0	1		0	0	0	0	0
08109	Saguache, CO	0	0	0	0		0	0	0	0	0
08111	San Juan, CO	0	0	0	0		0	0	0	0	0
08113	San Miguel, CO	0	1	0	0		0	0	0	0	0
08115	Sedgwick, CO	0	0	0	0		0	0	0	0	0
08117	Summit, CO	2	0	0	0		3	0	0	1	1
08119	Teller, CO	0	0	0	0		0	0	0	0	0
08121	Washington, CO	0	0	0	0		0	0	0	0	0
08123	Weld, CO	4	1	1	2		31	0	0	0	0
08125	Yuma, CO	0	0	0	0		0	0	0	0	0
08999		0	0	0	0		4	0	0	0	0

FIPS Code	County Name	1997 INCIDENCE OF INFECTIOUS DISEASES IN FEMALES									
		Hepatitis						Syphilis			
		HEP A	HEP B	HEP C	TB	Chlamydia	Gonorrhea	Early	Total	AIDS	HIV
30	**MONTANA**	**27**	**7**	**11**	**10**	**984**	**30**		**3**	**4**	
30001	Beaverhead, MT	0	0	0	0	2	0		0	0	
30003	Big Horn, MT	1	0	0	1	46	2		0	0	
30005	Blaine, MT	0	0	1	0	10	1		0	0	
30007	Broadwater, MT	0	0	0	0	2	0		0	0	
30009	Carbon, MT	0	0	0	0	3	0		0	0	
30011	Carter, MT	0	0	0	0	0	0		0	0	
30013	Cascade, MT	4	0	1	2	126	2		0	0	
30015	Chouteau, MT	0	0	0	0	3	0		0	0	
30017	Custer, MT	0	1	1	0	22	0		0	0	
30019	Daniels, MT	0	0	0	0	0	0		0	0	
30021	Dawson, MT	0	0	0	0	11	0		0	0	
30023	Deer Lodge, MT	0	0	0	0	6	0		0	0	
30025	Fallon, MT	0	0	0	0	0	0		0	0	
30027	Fergus, MT	0	0	0	0	3	0		0	1	
30029	Flathead, MT	1	0	1	0	50	1		0	0	
30031	Gallatin, MT	0	0	1	1	54	0		0	0	
30033	Garfield, MT	0	0	0	0	0	0		0	0	
30035	Glacier, MT	12	0	4	0	65	2		0	0	
30037	Golden Valley, MT	0	0	0	0	0	0		0	0	
30039	Granite, MT	0	0	0	0	0	0		0	0	
30041	Hill, MT	0	0	0	1	40	2		0	0	
30043	Jefferson, MT	0	0	0	0	1	0		0	0	
30045	Judith Basin, MT	0	0	0	0	0	0		0	0	
30047	Lake, MT	2	0	0	0	53	1		0	0	
30049	Lewis And Clark, MT	1	1	1	0	57	0		0	0	
30051	Liberty, MT	0	0	0	0	0	0		0	0	
30053	Lincoln, MT	0	0	0	0	4	0		0	0	
30055	Mccone, MT	0	0	0	0	0	0		0	0	
30057	Madison, MT	0	0	0	0	2	1		0	0	
30059	Meagher, MT	0	0	0	0	0	0		0	0	
30061	Mineral, MT	1	0	0	0	2	0		0	0	
30063	Missoula, MT	2	1	0	2	89	4		0	2	
30065	Musselshell, MT	0	0	0	0	2	0		0	0	
30067	Park, MT	0	1	0	0	4	0		0	0	
30069	Petroleum, MT	0	0	0	0	0	0		0	0	
30071	Phillips, MT	0	0	0	0	1	1		0	0	
30073	Pondera, MT	0	0	0	0	5	0		0	0	
30075	Powder River, MT	0	0	0	0	0	0		0	0	
30077	Powell, MT	0	0	0	0	5	0		0	0	
30079	Prairie, MT	0	0	0	0	0	0		0	0	
30081	Ravalli, MT	0	0	0	0	18	0		0	0	
30083	Richland, MT	0	0	0	0	8	0		0	0	
30085	Roosevelt, MT	0	0	0	2	35	0		0	0	
30087	Rosebud, MT	0	0	0	0	40	2		2	0	
30089	Sanders, MT	0	0	0	0	7	0		0	0	
30091	Sheridan, MT	0	0	0	0	0	3		0	0	
30093	Silver Bow, MT	0	0	1	1	34	1		0	0	
30095	Stillwater, MT	0	0	0	0	3	0		0	0	
30097	Sweet Grass, MT	0	0	0	0	0	0		0	0	
30099	Teton, MT	1	0	0	0	0	0		0	0	
30101	Toole, MT	0	0	0	0	1	0		0	0	
30103	Treasure, MT	0	0	0	0	0	0		0	0	
30105	Valley, MT	0	0	0	0	7	2		0	0	
30107	Wheatland, MT	0	0	0	0	0	0		0	0	
30109	Wibaux, MT	0	0	0	0	1	0		0	0	
30111	Yellowstone, MT	2	3	0	0	162	5		1	1	
30113	Yellowstone Park, MT	0	0	0	0	0	0		0	0	
30999											
38	**NORTH DAKOTA**				3	673	46				5
46	**SOUTH DAKOTA**	**14**	**1**	**0**	**8**	**1170**	**124**				

FIPS Code	County Name	1997 INCIDENCE OF INFECTIOUS DISEASES IN FEMALES									
		Hepatitis						Syphilis			
		HEP A	HEP B	HEP C	TB	Chlamydia	Gonorrhea	Early	Total	AIDS	HIV
49	**UTAH**	**255**	**32**	**1**	**14**	**1343**	**85**		**33**	**11**	**11**
49001	Beaver, UT				0	0	0		0		
49003	Box Elder, UT				0	4	0		0		
49005	Cache, UT				0	35	2		2		
49007	Carbon, UT				0	8	0		0		
49009	Daggett, UT				0	0	0		0		
49011	Davis, UT				0	79	1		0		
49013	Duchesne, UT				2	14	2		0		
49015	Emery, UT				0	1	0		0		
49017	Garfield, UT				0	1	0		0		
49019	Grand, UT				0	8	0		0		
49021	Iron, UT				0	11	1		2		
49023	Juab, UT				0	0	0		0		
49025	Kane, UT				0	3	0		0		
49027	Millard, UT				1	1	0		0		
49029	Morgan, UT				0	0	0		0		
49031	Piute, UT				0	0	0		0		
49033	Rich, UT				0	0	0		0		
49035	Salt Lake, UT				7	808	65		21		
49037	San Juan, UT				1	28	1		0		
49039	Sanpete, UT				0	2	0		0		
49041	Sevier, UT				0	4	0		0		
49043	Summit, UT				0	10	0		0		
49045	Tooele, UT				0	15	0		0		
49047	Uintah, UT				0	19	0		0		
49049	Utah, UT				3	66	5		2		
49051	Wasatch, UT				0	0	0		0		
49053	Washington, UT				0	34	1		0		
49055	Wayne, UT				0	0	0		0		
49057	Weber, UT				0	192	7		6		
56	**WYOMING**	**14**	**12**	**36**	**1**	**535**	**30**	**0**	**0**	**0**	**1**
56001	Albany, WY	2	0	2	0	29	3	0	0	0	0
56003	Big Horn, WY	0	0	0	0	7	0	0	0	0	0
56005	Campbell, WY	0	0	1	0	25	1	0	0	0	0
56007	Carbon, WY	0	0	0	0	11	0	0	0	0	0
56009	Converse, WY	0	0	0	0	9	0	0	0	0	0
56011	Crook, WY	0	0	0	0	4	0	0	0	0	0
56013	Fremont, WY	1	0	9	0	58	5	0	0	0	0
56015	Goshen, WY	0	0	0	0	14	0	0	0	0	0
56017	Hot Springs, WY	0	0	0	0	1	0	0	0	0	0
56019	Johnson, WY	1	0	0	0	6	0	0	0	0	0
56021	Laramie, WY	4	2	5	0	149	8	0	0	0	1
56023	Lincoln, WY	0	0	0	0	0	0	0	0	0	0
56025	Natrona, WY	0	1	6	0	107	11	0	0	0	0
56027	Niobrara, WY	0	0	2	0	0	0	0	0	0	0
56029	Park, WY	1	1	0	0	17	0	0	0	0	0
56031	Platte, WY	4	0	0	0	5	1	0	0	0	0
56033	Sheridan, WY	1	2	1	1	24	0	0	0	0	0
56035	Sublette, WY	0	0	1	0	2	0	0	0	0	0
56037	Sweetwater, WY	0	3	1	0	39	0	0	0	0	0
56039	Teton, WY	0	0	4	0	10	1	0	0	0	0
56041	Uinta, WY	0	2	4	0	12	0	0	0	0	0
56043	Washakie, WY	0	1	0	0	3	0	0	0	0	0
56045	Weston, WY	0	0	0	0	3	0	0	0	0	0
	Region VIII	**435**	**92**	**57**	**77**	**10651**	**1499**	**10**	**51**	**50**	**55**

FIPS Code	County Name	1996 INCIDENCE OF CANCER IN FEMALES							
		Bladder	Breast	Colo-rectal	Corpus Uteri	Lung	Skin Melanoma	Ovary	Thyroid
08	**COLORADO**	**182**	**2775**	**731**	**394**	**768**	**545**	**309**	**179**
08001	Adams, CO	15	204	44	26	72	28	20	10
08003	Alamosa, CO	0	5	4	2	0	2	1	1
08005	Arapahoe, CO	18	323	66	43	75	53	18	34
08007	Archuleta, CO	0	5	2	1	0	1	0	1
08009	Baca, CO	2	2	3	0	2	1	2	0
08011	Bent, CO	2	4	0	1	0	0	1	1
08013	Boulder, CO	9	185	54	31	45	37	23	12
08015	Chaffee, CO	1	12	4	1	3	1	4	2
08017	Cheyenne, CO	0	1	0	0	0	0	0	0
08019	Clear Creek, CO	0	4	2	0	1	1	0	0
08021	Conejos, CO	0	5	0	0	1	2	0	0
08023	Costilla, CO	0	2	0	0	1	0	0	0
08025	Crowley, CO	0	1	2	1	0	0	1	0
08027	Custer, CO	0	1	2	0	0	0	0	0
08029	Delta, CO	3	30	5	5	8	3	0	1
08031	Denver, CO	35	429	132	68	130	74	46	20
08033	Dolores, CO	0	0	0	1	1	0	0	1
08035	Douglas, CO	0	67	12	12	14	23	5	3
08037	Eagle, CO	0	18	3	0	3	4	2	2
08039	Elbert, CO	0	6	0	1	1	1	1	0
08041	El Paso, CO	17	305	69	39	91	70	39	29
08043	Fremont, CO	2	42	12	2	14	8	5	0
08045	Garfield, CO	1	18	10	4	7	4	2	0
08047	Gilpin, CO	0	0	0	1	0	0	0	0
08049	Grand, CO	0	8	0	1	0	3	0	0
08051	Gunnison, CO	1	5	0	1	1	0	2	1
08053	Hinsdale, CO	0	2	0	0	0	0	1	0
08055	Huerfano, CO	0	7	0	1	1	1	0	0
08057	Jackson, CO	0	1	0	0	1	0	0	0
08059	Jefferson, CO	28	371	79	60	105	96	58	19
08061	Kiowa, CO	0	1	0	1	0	0	0	0
08063	Kit Carson, CO	0	2	1	2	4	2	0	0
08065	Lake, CO	0	1	0	1	0	2	1	0
08067	La Plata, CO	0	23	8	1	10	10	2	2
08069	Larimer, CO	13	163	53	21	29	28	21	13
08071	Las Animas, CO	1	8	0	1	3	0	2	0
08073	Lincoln, CO	0	2	1	2	0	2	0	0
08075	Logan, CO	1	16	8	1	4	2	0	1
08077	Mesa, CO	3	105	28	11	41	7	8	6
08079	Mineral, CO	1	0	0	1	0	0	0	0
08081	Moffat, CO	0	6	2	2	2	3	0	0
08083	Montezuma, CO	1	14	9	4	7	3	0	1
08085	Montrose, CO	1	34	8	3	7	1	4	1
08087	Morgan, CO	1	20	5	1	2	7	1	1
08089	Otero, CO	1	10	6	1	4	5	3	2
08091	Ouray, CO	0	2	0	0	2	0	0	0
08093	Park, CO	1	9	3	0	4	0	0	0
08095	Phillips, CO	1	3	1	0	2	0	2	1
08097	Pitkin, CO	1	7	1	1	0	1	0	1
08099	Prowers, CO	0	13	3	1	4	3	5	1
08101	Pueblo, CO	11	115	41	10	32	23	17	5
08103	Rio Blanco, CO	0	5	4	1	0	0	0	0
08105	Rio Grande, CO	0	6	5	1	2	2	0	2
08107	Routt, CO	1	10	0	1	3	6	0	1
08109	Saguache, CO	1	5	1	1	0	1	0	0
08111	San Juan, CO	0	0	0	0	0	0	0	0
08113	San Miguel, CO	1	2	0	1	0	1	0	0
08115	Sedgwick, CO	0	2	0	0	0	0	0	0
08117	Summit, CO	0	11	1	0	0	1	3	0
08119	Teller, CO	0	18	5	4	4	3	1	0
08121	Washington, CO	0	4	3	2	1	0	0	0
08123	Weld, CO	7	88	27	15	24	19	6	4
08125	Yuma, CO	1	7	2	1	0	0	2	0
08999		0	0	0	0	0	0	0	0
30	**MONTANA**	**43**	**718**	**217**		**245**	**44**	**74**	**39**
30001	Beaverhead, MT	1	4	3		3	0	0	1
30003	Big Horn, MT	1	5	4		6	0	0	0

FIPS Code	County Name	1996 INCIDENCE OF CANCER IN FEMALES							
		Bladder	Breast	Colo-rectal	Corpus Uteri	Lung	Skin Melanoma	Ovary	Thyroid
30005	Blaine, MT	0	5	1		2	1	3	0
30007	Broadwater, MT	0	2	1		2	0	0	1
30009	Carbon, MT	3	6	1		1	1	2	0
30011	Carter, MT	0	2	0		0	0	0	0
30013	Cascade, MT	1	100	27		19	5	11	2
30015	Chouteau, MT	0	8	2		3	1	0	0
30017	Custer, MT	1	11	4		6	0	2	1
30019	Daniels, MT	0	2	0		1	0	0	0
30021	Dawson, MT	1	8	3		2	0	0	1
30023	Deer Lodge, MT	1	16	5		5	1	1	1
30025	Fallon, MT	1	2	1		1	0	0	0
30027	Fergus, MT	0	18	6		9	2	3	1
30029	Flathead, MT	0	42	12		20	2	5	3
30031	Gallatin, MT	2	37	8		8	1	3	1
30033	Garfield, MT	0	2	0		0	0	0	0
30035	Glacier, MT	0	5	1		4	0	0	0
30037	Golden Valley, MT	0	0	0		1	0	0	0
30039	Granite, MT	0	4	0		2	0	0	0
30041	Hill, MT	2	13	4		5	0	0	1
30043	Jefferson, MT	1	5	1		1	0	2	1
30045	Judith Basin, MT	0	1	1		1	0	0	0
30047	Lake, MT	3	14	7		8	0	2	2
30049	Lewis And Clark, MT	5	62	9		15	2	6	3
30051	Liberty, MT	0	3	1		1	0	0	0
30053	Lincoln, MT	0	14	6		7	2	1	2
30055	Mccone, MT	0	0	0		0	0	0	0
30057	Madison, MT	1	9	1		2	0	0	0
30059	Meagher, MT	0	1	2		0	0	0	0
30061	Mineral, MT	0	1	0		0	0	0	0
30063	Missoula, MT	1	56	13		23	10	7	5
30065	Musselshell, MT	0	3	0		1	1	0	0
30067	Park, MT	0	15	5		4	0	2	1
30069	Petroleum, MT	0	0	0		0	0	0	0
30071	Phillips, MT	0	6	1		2	0	0	1
30073	Pondera, MT	0	4	3		0	1	1	0
30075	Powder River, MT	0	1	0		0	0	0	0
30077	Powell, MT	2	5	2		2	2	1	0
30079	Prairie, MT	0	3	0		0	0	0	0
30081	Ravalli, MT	4	35	12		12	2	6	2
30083	Richland, MT	1	8	6		1	1	1	0
30085	Roosevelt, MT	0	7	1		2	0	2	0
30087	Rosebud, MT	1	3	0		2	0	1	1
30089	Sanders, MT	1	7	2		5	0	0	1
30091	Sheridan, MT	0	1	1		2	0	0	0
30093	Silver Bow, MT	4	23	8		7	4	3	0
30095	Stillwater, MT	0	4	3		1	0	0	0
30097	Sweet Grass, MT	0	5	2		0	0	0	0
30099	Teton, MT	0	4	2		1	1	0	0
30101	Toole, MT	0	3	0		0	0	1	0
30103	Treasure, MT	0	0	0		0	0	0	0
30105	Valley, MT	0	8	3		1	0	0	0
30107	Wheatland, MT	0	1	2		1	0	0	0
30109	Wibaux, MT	0	1	1		0	0	0	0
30111	Yellowstone, MT	5	113	39		43	4	8	7
30113	Yellowstone Park, MT	0	0	0		0	0	0	0
30999									
38	**NORTH DAKOTA**								
46	**SOUTH DAKOTA**	**33**	**400**	**192**	**0**	**0**	**0**	**0**	**0**
49	**UTAH**	**51**	**857**	**285**	**185**	**186**	**121**	**120**	**92**
56	**WYOMING**	**16**	**306**	**91**	**54**	**98**	**26**	**35**	**24**
56001	Albany, WY	2	13	2	4	5	0	1	5
56003	Big Horn, WY	0	15	2	2	1	2	0	0
56005	Campbell, WY	0	9	1	0	3	1	2	2
56007	Carbon, WY	0	9	5	4	2	1	0	2
56009	Converse, WY	1	5	4	2	3	1	0	0
56011	Crook, WY	0	1	1	0	3	0	0	0
56013	Fremont, WY	1	22	6	3	8	1	6	2

FIPS Code	County Name	1996 INCIDENCE OF CANCER IN FEMALES							
		Bladder	Breast	Colo-rectal	Corpus Uteri	Lung	Skin Melanoma	Ovary	Thyroid
56015	Goshen, WY	1	6	3	0	2	0	1	1
56017	Hot Springs, WY	1	2	3	0	2	0	1	0
56019	Johnson, WY	0	8	0	2	2	1	1	1
56021	Laramie, WY	6	63	17	13	15	3	7	3
56023	Lincoln, WY	0	6	6	0	1	0	2	0
56025	Natrona, WY	2	50	14	7	22	8	1	1
56027	Niobrara, WY	0	1	0	0	0	0	0	0
56029	Park, WY	0	16	6	3	3	3	4	0
56031	Platte, WY	1	9	4	3	3	1	1	0
56033	Sheridan, WY	0	21	5	3	6	2	2	2
56035	Sublette, WY	0	5	1	0	0	0	1	0
56037	Sweetwater, WY	1	18	6	5	8	1	0	4
56039	Teton, WY	0	6	1	1	1	0	3	1
56041	Uinta, WY	0	14	1	0	4	1	1	0
56043	Washakie, WY	0	4	3	1	3	0	1	0
56045	Weston, WY	0	3	0	1	1	0	0	0
	Region VIII	**325**	**5056**	**1516**	**633**	**1297**	**736**	**538**	**334**

* - Incidence data for South Dakota is for 1995.
Incidence data for South Dakota and Utah were only available at the state level.

FIPS Code	County Name	1996 INDICATORS OF REPRODUCTIVE HEALTH					
		Birth Rate	Fertility Rate	Pct Teen Births (<18)	Pct 40+ Births	Pct Vaginal Deliveries	Pct Births Unmarried
08	**COLORADO**	**14.6**	**63.6**	**4.6%**	**2.3%**	**85.0%**	**24.8%**
08001	Adams, CO	15.7	68.4	5.2%	1.6%	86.6%	27.9%
08003	Alamosa, CO	15.9	67.6	7.9%	*	85.0%	36.6%
08005	Arapahoe, CO	13.4	54.5	3.1%	2.5%	84.4%	21.7%
08007	Archuleta, CO	9.8	50.6	6.4%	*	78.2%	26.9%
08009	Baca, CO	7.8	47.7	*	0.0%	74.3%	31.4%
08011	Bent, CO	9.5	56.2	7.7%	0.0%	78.8%	50.0%
08013	Boulder, CO	12.6	49.6	2.9%	4.7%	86.3%	18.8%
08015	Chaffee, CO	8.2	49.9	*	*	81.7%	17.5%
08017	Cheyenne, CO	9.9	57.4	*	0.0%	73.9%	17.4%
08019	Clear Creek, CO	11.1	49.8	*	*	87.2%	22.3%
08021	Conejos, CO	15.8	88.8	9.7%	*	81.5%	31.5%
08023	Costilla, CO	10.7	62.6	*	*	71.1%	28.9%
08025	Crowley, CO	10.7	83.2	8.9%	*	82.2%	44.4%
08027	Custer, CO	11.4	65.4	*	*	91.4%	28.6%
08029	Delta, CO	12.5	78.9	10.0%	2.5%	82.2%	21.9%
08031	Denver, CO	18.4	81.4	6.4%	2.2%	85.6%	36.1%
08033	Dolores, CO	13.1	76.9	0.0%	0.0%	100.0%	36.4%
08035	Douglas, CO	19.0	76.9	0.8%	2.4%	84.9%	4.6%
08037	Eagle, CO	18.3	67.9	4.1%	3.8%	83.6%	12.1%
08039	Elbert, CO	11.7	51.2	2.1%	2.6%	85.3%	12.1%
08041	El Paso, CO	16.3	69.2	4.0%	1.7%	86.8%	23.4%
08043	Fremont, CO	10.8	66.7	8.0%	1.6%	86.9%	31.7%
08045	Garfield, CO	17.0	77.3	3.9%	1.3%	78.2%	17.9%
08047	Gilpin, CO	11.8	50.5	*	*	84.1%	25.0%
08049	Grand, CO	13.8	61.3	*	3.0%	83.3%	15.2%
08051	Gunnison, CO	9.8	38.7	*	3.4%	83.2%	15.1%
08053	Hinsdale, CO	10.5	52.6	*	0.0%	57.1%	*
08055	Huerfano, CO	8.8	55.8	12.1%	*	86.2%	48.3%
08057	Jackson, CO	4.6	24.2	0.0%	0.0%	85.7%	*
08059	Jefferson, CO	12.9	55.4	2.6%	3.0%	85.8%	16.9%
08061	Kiowa, CO	7.9	48.3	*	0.0%	84.6%	30.8%
08063	Kit Carson, CO	10.5	58.8	7.9%	0.0%	81.6%	26.3%
08065	Lake, CO	18.4	83.0	8.8%	*	78.9%	37.7%
08067	La Plata, CO	11.8	50.9	2.2%	1.9%	80.2%	23.7%
08069	Larimer, CO	12.5	51.0	2.9%	2.3%	80.8%	19.9%
08071	Las Animas, CO	9.4	53.3	10.3%	3.7%	74.3%	33.8%
08073	Lincoln, CO	10.8	78.4	*	*	78.3%	18.3%
08075	Logan, CO	12.3	63.1	8.1%	1.8%	85.6%	31.1%
08077	Mesa, CO	12.6	61.8	7.2%	1.5%	82.8%	27.0%
08079	Mineral, CO	13.2	76.3	0.0%	0.0%	66.7%	*
08081	Moffat, CO	11.8	55.9	5.6%	*	77.6%	28.0%
08083	Montezuma, CO	15.5	78.5	6.1%	1.8%	81.3%	34.8%
08085	Montrose, CO	16.2	89.2	6.1%	2.5%	83.3%	26.7%
08087	Morgan, CO	19.6	105.5	7.6%	0.8%	78.6%	33.3%
08089	Otero, CO	13.1	70.3	10.6%	2.2%	81.4%	39.8%
08091	Ouray, CO	9.9	55.2	0.0%	*	96.8%	16.1%
08093	Park, CO	11.5	52.4	*	6.0%	86.6%	12.7%
08095	Phillips, CO	13.1	78.2	7.0%	0.0%	80.7%	21.1%
08097	Pitkin, CO	10.2	37.5	2.9%	10.1%	84.1%	15.2%
08099	Prowers, CO	14.9	74.7	10.3%	*	77.5%	32.4%
08101	Pueblo, CO	13.0	64.5	9.0%	1.4%	85.3%	41.4%
08103	Rio Blanco, CO	11.3	53.9	0.0%	0.0%	81.9%	16.7%
08105	Rio Grande, CO	14.4	75.0	7.4%	*	81.0%	34.4%
08107	Routt, CO	11.3	45.2	*	2.6%	78.1%	14.6%
08109	Saguache, CO	15.0	77.9	10.3%	*	79.3%	26.4%
08111	San Juan, CO	14.2	64.5	0.0%	0.0%	87.5%	50.0%
08113	San Miguel, CO	11.7	45.0	0.0%	*	83.6%	23.0%
08115	Sedgwick, CO	11.7	71.3	*	0.0%	77.4%	25.8%
08117	Summit, CO	12.9	46.1	1.7%	2.2%	86.1%	10.0%
08119	Teller, CO	11.1	48.5	1.9%	4.3%	88.0%	22.6%
08121	Washington, CO	13.3	80.8	*	*	85.5%	9.7%
08123	Weld, CO	15.9	69.8	6.7%	1.4%	83.8%	27.5%
08125	Yuma, CO	11.3	63.9	*	*	3.2%	18.1%
30	**MONTANA**	**11.3**	**63.9**	*	*	**80.6%**	**18.1%**
30001	Beaverhead, MT	9.4	45.2	*	*	81.4%	18.6%
30003	Big Horn, MT	20.6	94.9	9.9%	*	78.3%	54.9%
30005	Blaine, MT	17.6	90.5	6.4%	*	71.2%	51.2%

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		Birth Rate	Fertility Rate	Pct Teen Births (<18)	Pct 40+ Births	Pct Vaginal Deliveries	Pct Births Unmarried
30007	Broadwater, MT	10.2	57.1	*	*	82.9%	29.3%
30009	Carbon, MT	9.1	49.1	4.8%	*	77.4%	23.8%
30011	Carter, MT	14.1	87.5	*	0.0%	85.7%	28.6%
30013	Cascade, MT	14.3	67.4	4.1%	1.5%	81.1%	24.8%
30015	Chouteau, MT	9.3	51.9	*	*	84.0%	12.0%
30017	Custer, MT	11.0	55.1	4.4%	*	78.5%	25.9%
30019	Daniels, MT	5.6	35.0	0.0%	0.0%	91.7%	*
30021	Dawson, MT	9.0	46.7	*	*	81.7%	22.0%
30023	Deer Lodge, MT	8.5	45.3	*	*	81.4%	32.6%
30025	Fallon, MT	6.7	37.7	0.0%	0.0%	75.0%	20.0%
30027	Fergus, MT	9.7	55.5	4.1%	*	78.9%	19.5%
30029	Flathead, MT	12.2	58.4	3.8%	2.2%	87.2%	22.1%
30031	Gallatin, MT	12.5	49.7	1.8%	2.5%	77.7%	14.5%
30033	Garfield, MT	16.3	97.9	0.0%	*	87.0%	*
30035	Glacier, MT	17.6	85.8	10.3%	1.8%	73.5%	64.1%
30037	Golden Valley, MT	15.2	90.9	*	0.0%	93.3%	*
30039	Granite, MT	15.1	85.0	*	*	79.5%	30.8%
30041	Hill, MT	15.3	73.7	5.9%	2.2%	71.7%	47.4%
30043	Jefferson, MT	8.1	38.3	0.0%	*	83.3%	12.8%
30045	Judith Basin, MT	14.0	81.6	0.0%	*	87.5%	*
30047	Lake, MT	13.5	71.4	6.5%	2.4%	75.3%	34.2%
30049	Lewis And Clark, MT	12.6	55.8	4.3%	1.5%	78.4%	26.9%
30051	Liberty, MT	8.7	48.5	0.0%	0.0%	85.0%	*
30053	Lincoln, MT	10.2	51.9	4.7%	4.1%	79.8%	31.6%
30055	Mccone, MT	9.2	50.9	0.0%	*	89.5%	*
30057	Madison, MT	9.6	52.0	0.0%	*	86.2%	12.3%
30059	Meagher, MT	12.2	66.9	0.0%	0.0%	86.4%	27.3%
30061	Mineral, MT	7.5	40.3	0.0%	0.0%	78.6%	25.0%
30063	Missoula, MT	11.6	47.2	2.6%	2.1%	81.5%	22.5%
30065	Musselshell, MT	9.8	55.6	8.7%	*	87.0%	23.9%
30066	Park, MT	12.5	60.5	3.0%	7.0%	75.6%	15.9%
30069	Petroleum, MT	7.5	44.0	0.0%	0.0%	100.0%	*
30071	Phillips, MT	10.7	59.7	*	0.0%	68.5%	29.6%
30073	Pondera, MT	12.0	66.5	7.9%	*	78.9%	17.1%
30075	Powder River, MT	10.9	60.3	*	*	76.2%	23.8%
30077	Powell, MT	7.2	48.9	*	*	78.4%	21.6%
30079	Prairie, MT	9.3	62.2	0.0%	0.0%	69.2%	*
30081	Ravalli, MT	10.4	55.7	4.0%	2.3%	83.1%	19.4%
30083	Richland, MT	9.6	48.8	5.1%	*	71.7%	26.3%
30085	Roosevelt, MT	17.1	82.6	6.9%	3.2%	78.8%	59.8%
30087	Rosebud, MT	15.8	72.0	12.1%	*	83.0%	52.1%
30089	Sanders, MT	10.3	56.3	5.8%	5.8%	74.0%	25.0%
30091	Sheridan, MT	7.1	43.2	0.0%	0.0%	80.6%	12.9%
30093	Silver Bow, MT	11.1	56.3	4.2%	1.8%	79.9%	36.6%
30095	Stillwater, MT	10.6	56.6	*	*	86.4%	12.3%
30097	Sweet Grass, MT	11.9	67.0	*	0.0%	73.2%	*
30099	Teton, MT	13.2	76.6	*	*	82.1%	15.5%
30101	Toole, MT	9.6	51.9	*	*	80.9%	21.3%
30103	Treasure, MT	8.1	44.3	0.0%	0.0%	100.0%	*
30105	Valley, MT	13.0	73.2	7.3%	*	83.5%	30.3%
30107	Wheatland, MT	13.6	87.3	*	0.0%	87.9%	30.3%
30109	Wibaux, MT	13.1	75.8	0.0%	0.0%	66.7%	*
30111	Yellowstone, MT	13.4	59.7	4.3%	1.5%	83.5%	30.6%
38	**NORTH DAKOTA**	**13.0**	**60.6**	**3.0%**	**1.3%**	**80.9%**	**25.1%**
38001	Adams, ND	8.8	49.7	0.0%	0.0%	84.0%	16.0%
38003	Barnes, ND	11.1	57.9	*	*	83.6%	26.1%
38005	Benson, ND	18.4	105.1	11.0%	*	64.6%	66.1%
38007	Billings, ND	7.1	35.4	0.0%	0.0%	87.5%	*
38009	Bottineau, ND	5.3	30.5	*	0.0%	90.0%	30.0%
38011	Bowman, ND	10.9	60.0	*	0.0%	94.4%	13.9%
38013	Burke, ND	6.9	46.4	0.0%	0.0%	82.4%	*
38015	Burleigh, ND	12.8	53.9	2.5%	1.9%	87.5%	22.4%
38017	Cass, ND	14.5	57.9	1.2%	1.3%	82.5%	20.8%
38019	Cavalier, ND	6.3	39.7	*	*	66.7%	*
38021	Dickey, ND	10.0	55.9	0.0%	0.0%	73.7%	*
38023	Divide, ND	7.9	54.9	*	*	70.0%	20.0%
38025	Dunn, ND	10.7	60.2	0.0%	0.0%	85.0%	25.0%
38027	Eddy, ND	10.4	69.9	*	0.0%	80.0%	16.7%

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38029	Emmons, ND	10.8	72.0	*	0.0%	81.3%	14.6%
38031	Foster, ND	8.5	51.4	0.0%	*	69.7%	18.2%
38033	Golden Valley, ND	10.4	63.5	*	0.0%	80.0%	*
38035	Grand Forks, ND	15.8	61.9	2.0%	0.8%	80.7%	19.6%
38037	Grant, ND	8.7	56.5	*	0.0%	74.1%	22.2%
38039	Griggs, ND	9.4	59.8	*	*	85.7%	21.4%
38041	Hettinger, ND	7.7	49.4	0.0%	0.0%	82.6%	17.4%
38043	Kidder, ND	8.3	52.5	*	0.0%	88.0%	16.0%
38045	La Moure, ND	7.6	49.2	13.2%	*	81.6%	18.4%
38047	Logan, ND	12.7	88.1	0.0%	*	80.6%	*
38049	Mchenry, ND	10.2	66.0	*	*	84.1%	14.3%
38051	Mcintosh, ND	7.7	61.0	0.0%	0.0%	75.0%	*
38053	Mckenzie, ND	10.1	53.3	*	*	74.6%	44.1%
38055	Mclean, ND	8.4	47.5	*	0.0%	86.7%	27.7%
38057	Mercer, ND	9.0	43.5	4.7%	*	84.9%	19.8%
38059	Morton, ND	12.1	59.5	4.1%	*	84.7%	24.7%
38061	Mountrail, ND	16.3	90.9	5.5%	0.0%	79.1%	39.1%
38063	Nelson, ND	5.6	40.5	0.0%	0.0%	63.6%	*
38065	Oliver, ND	7.2	35.9	0.0%	0.0%	100.0%	37.5%
38066	Pembina, ND	9.8	54.1	*	0.0%	79.1%	23.3%
38069	Pierce, ND	11.0	72.8	*	0.0%	82.7%	19.2%
38071	Ramsey, ND	12.1	62.4	4.6%	*	79.5%	45.7%
38073	Ransom, ND	11.2	69.4	*	*	69.2%	23.1%
38075	Renville, ND	7.4	43.6	0.0%	0.0%	76.2%	*
38077	Richland, ND	11.7	62.1	2.3%	2.3%	75.6%	23.5%
38079	Rolette, ND	21.4	102.5	10.0%	1.3%	69.0%	70.3%
38081	Sargent, ND	11.5	67.1	*	*	84.3%	21.6%
38083	Sheridan, ND	11.5	67.1	*	*	84.3%	21.6%
38085	Sioux, ND	16.8	83.8	10.1%	*	84.1%	72.5%
38087	Slope, ND	8.5	49.0	0.0%	0.0%	85.7%	*
38089	Stark, ND	12.2	56.6	2.2%	2.5%	81.6%	21.7%
38091	Steele, ND	12.3	78.9	0.0%	0.0%	67.9%	*
38093	Stutsman, ND	10.1	50.0	4.6%	*	76.4%	28.7%
38095	Towner, ND	10.6	63.4	*	*	70.6%	32.4%
38097	Traill, ND	9.1	48.4	*	*	83.5%	7.6%
38099	Walsh, ND	11.5	63.0	5.4%	*	74.8%	30.6%
38101	Ward, ND	17.2	72.7	2.2%	0.9%	81.7%	20.0%
38103	Wells, ND	7.8	51.1	*	*	78.0%	19.5%
38105	Williams, ND	12.5	61.4	4.3%	1.6%	77.0%	35.4%
46	**SOUTH DAKOTA**	**14.3**	**66.6**	**4.0%**	**1.5%**	**79.1%**	**29.5%**
46003	Aurora, SD	13.5	84.4	*	*	65.9%	9.8%
46005	Beadle, SD	12.1	63.0	5.9%	*	70.0%	27.3%
46007	Bennett, SD	23.4	115.7	6.3%	*	82.3%	55.7%
46009	Bon Homme, SD	11.1	69.2	*	5.1%	74.4%	15.4%
46011	Brookings, SD	11.8	46.2	1.3%	1.9%	78.8%	14.5%
46013	Brown, SD	13.3	57.0	1.3%	2.3%	80.6%	20.4%
46015	Brule, SD	12.3	69.2	*	*	77.9%	19.1%
46017	Buffalo, SD	22.2	117.6	10.0%	*	72.5%	77.5%
46019	Butte, SD	14.5	73.3	*	*	80.2%	26.0%
46021	Campbell, SD	9.0	56.7	0.0%	*	88.2%	0.0%
46023	Charles Mix, SD	20.0	110.3	4.8%	2.7%	76.1%	45.2%
46025	Clark, SD	12.1	73.2	*	*	88.7%	17.0%
46027	Clay, SD	11.3	37.6	*	*	79.9%	22.7%
46029	Codington, SD	14.1	66.6	3.7%	1.4%	76.5%	19.3%
46031	Corson, SD	20.8	117.4	11.2%	*	88.8%	65.2%
46033	Custer, SD	7.6	40.0	13.5%	*	78.8%	32.7%
46035	Davison, SD	14.0	68.2	2.4%	1.6%	73.8%	27.4%
46037	Day, SD	11.3	67.0	8.1%	0.0%	83.8%	32.4%
46039	Deuel, SD	12.5	74.8	0.0%	*	68.4%	14.0%
46041	Dewey, SD	22.3	105.7	10.1%	*	81.4%	61.2%
46043	Douglas, SD	10.9	66.0	0.0%	0.0%	74.4%	*
46045	Edmunds, SD	11.2	69.8	0.0%	*	81.6%	10.2%
46047	Fall River, SD	10.5	59.6	8.0%	*	85.3%	25.3%
46049	Faulk, SD	10.1	65.7	*	*	76.9%	19.2%
46051	Grant, SD	12.4	65.4	*	0.0%	74.0%	25.0%
46053	Gregory, SD	9.2	57.2	*	*	68.1%	27.7%
46055	Haakon, SD	11.9	61.2	13.3%	0.0%	80.0%	26.7%
46057	Hamlin, SD	16.4	98.0	5.7%	5.7%	87.5%	15.9%

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46059	Hand, SD	10.9	65.2	0.0%	0.0%	88.9%	15.6%
46061	Hanson, SD	16.7	90.9	0.0%	*	89.8%	10.2%
46063	Harding, SD	8.3	42.9	0.0%	0.0%	76.9%	*
46065	Hughes, SD	13.0	56.9	4.0%	*	78.7%	31.2%
46066	Hutchinson, SD	11.9	78.8	*	*	77.3%	13.4%
46069	Hyde, SD	9.7	62.0	*	0.0%	87.5%	37.5%
46071	Jackson, SD	14.8	72.4	*	0.0%	76.7%	48.8%
46073	Jerauld, SD	10.4	67.4	0.0%	0.0%	79.2%	*
46075	Jones, SD	12.7	72.7	*	*	68.8%	25.0%
46077	Kingsbury, SD	9.9	62.4	*	*	69.0%	20.7%
46079	Lake, SD	10.5	50.3	*	*	79.5%	25.0%
46081	Lawrence, SD	11.6	51.0	3.8%	*	74.2%	25.8%
46083	Lincoln, SD	13.8	65.8	2.0%	*	76.4%	12.2%
46085	Lyman, SD	15.6	84.7	6.7%	*	76.7%	51.7%
46087	Mc Cook, SD	10.5	61.5	*	*	80.3%	16.4%
46089	Mc Pherson, SD	11.5	78.7	*	*	88.2%	*
46091	Marshall, SD	10.6	64.9	*	0.0%	92.0%	14.0%
46093	Meade, SD	19.5	87.3	3.4%	1.1%	81.4%	19.1%
46095	Mellette, SD	15.8	84.4	*	0.0%	75.0%	59.4%
46097	Miner, SD	10.0	66.8	*	*	90.0%	20.0%
46099	Minnehaha, SD	15.3	62.1	3.0%	1.1%	80.0%	25.0%
46101	Moody, SD	10.7	56.7	*	*	74.6%	22.5%
46103	Pennington, SD	15.5	65.8	5.1%	1.1%	79.8%	37.5%
46105	Perkins, SD	14.0	78.6	*	*	82.4%	7.8%
46107	Potter, SD	10.7	62.0	*	0.0%	68.8%	12.5%
46109	Roberts, SD	16.3	91.5	8.1%	0.0%	81.4%	48.4%
46111	Sanborn, SD	11.2	68.0	*	*	90.3%	16.1%
46113	Shannon, SD	27.9	127.6	10.6%	*	84.5%	73.9%
46115	Spink, SD	11.4	60.2	*	*	78.4%	19.3%
46117	Stanley, SD	10.5	48.8	*	0.0%	64.5%	22.6%
46119	Sully, SD	7.5	43.5	*	*	58.3%	0.0%
46121	Todd, SD	25.5	116.4	9.3%	*	78.0%	77.1%
46123	Tripp, SD	12.8	68.5	5.7%	*	70.5%	29.5%
46125	Turner, SD	10.7	63.0	*	*	81.5%	13.0%
46127	Union, SD	14.6	73.7	3.5%	*	80.6%	15.3%
46129	Walworth, SD	14.5	82.5	*	*	85.7%	41.7%
46135	Yankton, SD	14.0	65.6	2.1%	*	74.0%	27.4%
46137	Ziebach, SD	14.3	70.6	*	0.0%	96.9%	53.1%
49	**UTAH**	**21.0**	**89.0**	**3.6%**	**1.4%**	**84.1%**	**16.2%**
49001	Beaver, UT	19.9	107.2	4.5%	*	82.9%	9.0%
49003	Box Elder, UT	18.7	94.3	4.2%	1.6%	80.2%	15.7%
49005	Cache, UT	24.1	96.4	2.4%	1.4%	87.6%	8.6%
49007	Carbon, UT	14.8	67.9	7.3%	*	84.2%	24.8%
49009	Daggett, UT	6.6	32.7	0.0%	0.0%	80.0%	*
49011	Davis, UT	20.1	87.1	3.1%	1.3%	82.5%	11.8%
49013	Duchesne, UT	18.4	89.3	6.7%	2.8%	74.3%	25.7%
49015	Emery, UT	18.1	88.2	4.8%	2.1%	83.5%	17.0%
49017	Garfield, UT	17.2	94.5	*	*	81.4%	17.1%
49019	Grand, UT	15.6	74.9	*	*	72.1%	31.1%
49021	Iron, UT	23.0	95.7	2.4%	1.0%	82.4%	11.2%
49023	Juab, UT	22.6	119.3	5.2%	*	84.5%	7.7%
49025	Kane, UT	14.4	76.6	*	*	75.9%	15.7%
49027	Millard, UT	14.6	77.1	5.1%	*	82.4%	13.6%
49029	Morgan, UT	16.5	80.2	*	0.0%	81.8%	10.0%
49031	Piute, UT	13.5	87.2	*	0.0%	68.4%	21.1%
49033	Rich, UT	15.6	80.2	0.0%	*	89.3%	*
49035	Salt Lake, UT	20.1	83.7	3.8%	1.5%	84.3%	20.1%
49037	San Juan, UT	21.0	98.3	6.5%	2.2%	87.1%	44.6%
49039	Sanpete, UT	16.6	80.4	4.8%	1.8%	76.1%	14.2%
49041	Sevier, UT	16.6	80.4	4.8%	1.8%	76.1%	14.2%
49043	Summit, UT	15.7	62.2	2.1%	4.3%	84.6%	8.2%
49045	Tooele, UT	20.6	94.2	6.4%	1.3%	84.1%	23.1%
49047	Uintah, UT	16.4	75.6	5.7%	2.0%	80.1%	22.1%
49049	Utah, UT	26.2	99.8	2.3%	1.3%	86.6%	8.7%
49051	Wasatch, UT	19.3	90.9	4.3%	2.6%	78.0%	10.3%
49053	Washington, UT	20.2	100.5	2.8%	1.1%	82.0%	13.2%
49055	Wayne, UT	18.6	100.2	*	*	77.3%	11.4%
49057	Weber, UT	21.1	93.4	5.3%	1.0%	82.0%	23.1%

REGION VIII WOMEN'S HEALTH STATUS INDICATORS

FIPS Code	County Name	1996 INDICATORS OF REPRODUCTIVE HEALTH					
		Birth Rate	Fertility Rate	Pct Teen Births (<18)	Pct 40+ Births	Pct Vaginal Deliveries	Pct Births Unmarried
56	**WYOMING**	**13.1**	**59.8**	**5.1%**	**1.6%**	**81.5%**	**27.0%**
56001	Albany, WY	12.9	47.0	2.8%	2.5%	80.6%	18.6%
56003	Big Horn, WY	13.6	78.4	7.8%	*	81.0%	15.7%
56005	Campbell, WY	13.3	54.3	4.5%	1.6%	77.7%	24.9%
56007	Carbon, WY	11.9	60.4	8.5%	*	84.7%	32.8%
56009	Converse, WY	12.2	56.0	7.5%	*	72.6%	26.0%
56011	Crook, WY	12.7	68.0	*	*	80.8%	12.3%
56013	Fremont, WY	12.8	62.9	7.4%	2.6%	78.9%	41.6%
56015	Goshen, WY	11.6	58.5	2.7%	2.7%	83.1%	24.3%
56017	Hot Springs, WY	7.8	44.4	11.1%	0.0%	63.9%	27.8%
56019	Johnson, WY	10.9	57.0	*	0.0%	74.0%	26.0%
56021	Laramie, WY	14.7	65.4	4.7%	1.3%	85.9%	25.7%
56023	Lincoln, WY	14.2	72.7	2.0%	*	81.9%	12.6%
56025	Natrona, WY	13.9	63.1	6.5%	1.0%	82.6%	33.3%
56027	Niobrara, WY	13.7	72.1	*	*	66.7%	16.7%
56029	Park, WY	11.2	53.2	4.2%	2.1%	79.9%	21.9%
56031	Platte, WY	10.2	55.4	5.8%	*	72.1%	24.4%
56033	Sheridan, WY	10.9	54.2	4.0%	1.8%	84.4%	27.2%
56035	Sublette, WY	9.9	49.9	*	*	80.0%	12.7%
56037	Sweetwater, WY	12.9	56.3	5.2%	1.0%	84.7%	29.5%
56039	Teton, WY	12.1	49.6	3.0%	5.5%	73.9%	24.2%
56041	Uinta, WY	16.7	73.2	4.7%	1.8%	83.4%	29.9%
56043	Washakie, WY	11.3	60.0	*	*	76.3%	20.6%
56045	Weston, WY	12.5	64.4	6.1%	0.0%	73.2%	29.3%
	Region VIII	**15.6**	**69.1**	**4.1%**	**1.8%**	**83.5%**	**22.8%**
	Total US	**14.7**	**65.3**	**5.1%**	**1.9%**	**78.7%**	**32.4%**

* - Indicates 1, 2, or 3 births

FIPS Code	County Name	1996 NUMBER OF BIRTHS BY RACE/ETHNICITY				
		White	Black	American Indian	Asian/Pac Islander	Hispanic
08	**COLORADO**	**50,865**	**2,577**	**586**	**1,574**	**12,359**
08001	Adams, CO	4,441	170	49	197	1,273
08003	Alamosa, CO	216	*	7	*	107
08005	Arapahoe, CO	5,269	525	50	269	748
08007	Archuleta, CO	78	0	0	0	11
08009	Baca, CO	34	0	0	*	4
08011	Bent, CO	50	0	*	*	20
08013	Boulder, CO	3,065	23	24	148	538
08015	Chaffee, CO	117	0	*	0	13
08017	Cheyenne, CO	23	0	0	0	*
08019	Clear Creek, CO	93	0	*	0	4
08021	Conejos, CO	124	0	0	0	75
08023	Costilla, CO	38	0	0	0	25
08025	Crowley, CO	44	0	*	0	10
08027	Custer, CO	33	*	0	*	*
08029	Delta, CO	318	*	0	*	71
08031	Denver, CO	7,704	1,066	104	301	4,031
08033	Dolores, CO	20	0	*	0	0
08035	Douglas, CO	2,033	17	9	62	87
08037	Eagle, CO	559	*	0	0	195
08039	Elbert, CO	187	*	0	*	11
08041	El Paso, CO	6,617	652	79	251	996
08043	Fremont, CO	442	*	6	*	26
08045	Garfield, CO	615	0	*	*	158
08047	Gilpin, CO	43	0	0	*	4
08049	Grand, CO	130	0	*	*	7
08051	Gunnison, CO	116	*	*	*	12
08053	Hinsdale, CO	7	0	0	0	*
08055	Huerfano, CO	57	*	0	0	31
08057	Jackson, CO	7	0	0	0	0
08059	Jefferson, CO	6,065	44	38	186	657
08061	Kiowa, CO	13	0	0	0	*
08063	Kit Carson, CO	75	0	0	*	15
08065	Lake, CO	113	0	0	*	43
08067	La Plata, CO	426	*	33	5	69
08069	Larimer, CO	2,642	21	19	79	236
08071	Las Animas, CO	135	0	*	0	77
08073	Lincoln, CO	60	0	0	0	*
08075	Logan, CO	218	0	4	0	51
08077	Mesa, CO	1,336	4	12	15	205
08079	Mineral, CO	8	0	*	0	*
08081	Moffat, CO	140	*	*	0	17
08083	Montezuma, CO	270	*	70	*	27
08085	Montrose, CO	470	0	8	*	108
08087	Morgan, CO	482	*	*	*	234
08089	Otero, CO	269	*	*	*	134
08091	Ouray, CO	30	0	*	0	*
08093	Park, CO	132	*	0	*	*
08095	Phillips, CO	55	0	0	*	12
08097	Pitkin, CO	135	*	0	*	24
08099	Prowers, CO	201	*	*	*	81
08101	Pueblo, CO	1,638	24	26	12	788
08103	Rio Blanco, CO	71	0	*	0	*
08105	Rio Grande, CO	156	0	7	0	80
08107	Routt, CO	192	0	0	0	11
08109	Saguache, CO	84	0	*	0	53
08111	San Juan, CO	8	0	0	0	*
08113	San Miguel, CO	60	0	0	*	*
08115	Sedgwick, CO	31	0	0	0	6
08117	Summit, CO	226	*	*	*	14
08119	Teller, CO	200	0	5	*	8
08121	Washington, CO	62	0	0	0	4
08123	Weld, CO	2,382	11	7	17	932
08125	Yuma, CO	105	0	0	0	16
30	**MONTANA**	**9,500**	**38**	**1,208**	**110**	**298**
30001	Beaverhead, MT	86	0	0	0	*
30003	Big Horn, MT	52	0	201	0	5
30005	Blaine, MT	54	0	71	0	*

FIPS Code	County Name	1996 NUMBER OF BIRTHS BY RACE/ETHNICITY				
		White	Black	American Indian	Asian/Pac Islander	Hispanic
30007	Broadwater, MT	40	0	*	0	*
30009	Carbon, MT	83	0	*	0	*
30011	Carter, MT	21	0	0	0	*
30013	Cascade, MT	1,038	17	75	26	46
30015	Chouteau, MT	48	0	*	*	0
30017	Custer, MT	129	0	6	0	4
30019	Daniels, MT	11	0	0	*	0
30021	Dawson, MT	81	0	0	*	0
30023	Deer Lodge, MT	83	0	*	0	*
30025	Fallon, MT	20	0	0	0	*
30027	Fergus, MT	120	0	*	0	*
30029	Flathead, MT	837	*	20	11	19
30031	Gallatin, MT	736	*	13	9	15
30033	Garfield, MT	23	0	0	0	0
30035	Glacier, MT	69	*	152	*	*
30037	Golden Valley, MT	15	0	0	0	0
30039	Granite, MT	37	0	0	*	*
30041	Hill, MT	170	0	102	0	4
30043	Jefferson, MT	75	0	*	0	*
30045	Judith Basin, MT	32	0	0	0	0
30047	Lake, MT	200	*	129	4	4
30049	Lewis And Clark, MT	631	*	37	*	13
30051	Liberty, MT	20	0	0	0	0
30053	Lincoln, MT	188	0	4	*	*
30055	Mccone, MT	19	0	0	0	0
30057	Madison, MT	65	0	0	0	*
30059	Meagher, MT	22	0	0	0	0
30061	Mineral, MT	27	0	*	0	0
30063	Missoula, MT	966	*	37	22	18
30065	Musselshell, MT	45	*	0	0	*
30066	Park, MT	196	0	*	*	5
30069	Petroleum, MT	4	0	0	0	0
30071	Phillips, MT	46	0	8	0	0
30073	Pondera, MT	64	0	12	0	*
30075	Powder River, MT	21	0	0	0	*
30077	Powell, MT	49	0	0	*	*
30079	Prairie, MT	13	0	0	0	0
30081	Ravalli, MT	345	*	0	4	12
30083	Richland, MT	95	0	*	*	9
30085	Roosevelt, MT	59	0	128	*	*
30087	Rosebud, MT	86	0	79	0	4
30089	Sanders, MT	96	0	8	0	0
30091	Sheridan, MT	30	0	*	0	0
30093	Silver Bow, MT	375	*	6	*	13
30095	Stillwater, MT	81	0	0	0	*
30097	Sweet Grass, MT	40	0	*	0	*
30099	Teton, MT	82	0	*	0	*
30101	Toole, MT	42	0	*	*	0
30103	Treasure, MT	6	0	*	0	0
30105	Valley, MT	99	0	10	0	4
30107	Wheatland, MT	33	0	0	0	*
30109	Wibaux, MT	15	0	0	0	0
30111	Yellowstone, MT	1,580	7	83	14	85
38	**NORTH DAKOTA**	**7,404**	**89**	**751**	**103**	**137**
38001	Adams, ND	24	*	0	0	0
38003	Barnes, ND	131	*	*	0	*
38005	Benson, ND	44	0	83	0	0
38007	Billings, ND	8	0	0	0	0
38009	Bottineau, ND	39	0	*	0	*
38011	Bowman, ND	36	0	0	0	*
38013	Burke, ND	17	0	0	0	0
38015	Burleigh, ND	783	*	51	6	8
38017	Cass, ND	1,560	16	27	41	21
38019	Cavalier, ND	33	0	0	0	0
38021	Dickey, ND	56	0	0	*	*
38023	Divide, ND	18	0	*	0	0
38025	Dunn, ND	34	0	6	0	0
38027	Eddy, ND	28	0	*	0	0

FIPS Code	County Name	1996 NUMBER OF BIRTHS BY RACE/ETHNICITY				
		White	Black	American Indian	Asian/Pac Islander	Hispanic
38029	Emmons, ND	47	0	*	0	0
38031	Foster, ND	33	0	0	0	0
38033	Golden Valley, ND	20	0	0	0	0
38035	Grand Forks, ND	1,036	28	39	24	24
38037	Grant, ND	27	0	0	0	0
38039	Griggs, ND	28	0	0	0	0
38041	Hettinger, ND	23	0	0	0	0
38043	Kidder, ND	25	0	0	0	0
38045	La Moure, ND	38	0	0	0	*
38047	Logan, ND	31	0	0	0	0
38049	Mchenry, ND	63	0	0	0	0
38051	Mcintosh, ND	28	0	0	0	*
38053	Mckenzie, ND	36	*	22	0	0
38055	Mclean, ND	65	0	18	0	0
38057	Mercer, ND	83	0	*	*	*
38059	Morton, ND	280	0	15	0	0
38061	Mountrail, ND	60	0	50	0	*
38063	Nelson, ND	21	0	*	0	0
38065	Oliver, ND	15	0	*	0	0
38066	Pembina, ND	82	0	*	*	6
38069	Pierce, ND	52	0	0	0	0
38071	Ramsey, ND	124	*	25	*	*
38073	Ransom, ND	63	0	0	*	*
38075	Renville, ND	21	0	0	0	*
38077	Richland, ND	206	*	5	*	0
38079	Rolette, ND	42	0	258	0	*
38081	Sargent, ND	50	0	*	0	*
38083	Sheridan, ND	50	0	*	0	*
38085	Sioux, ND	7	0	62	0	0
38087	Slope, ND	7	0	0	0	0
38089	Stark, ND	268	0	7	*	0
38091	Steele, ND	28	0	0	0	0
38093	Stutsman, ND	209	*	5	*	0
38095	Towner, ND	32	0	*	0	0
38097	Traill, ND	76	0	*	0	4
38099	Walsh, ND	144	0	*	*	26
38101	Ward, ND	938	36	32	20	22
38103	Wells, ND	41	0	0	0	0
38105	Williams, ND	233	0	23	*	5
46	**SOUTH DAKOTA**	**8,657**	**83**	**1,637**	**96**	**146**
46003	Aurora, SD	41	0	0	0	*
46005	Beadle, SD	213	*	*	*	5
46007	Bennett, SD	23	*	55	0	0
46009	Bon Homme, SD	75	0	*	0	*
46011	Brookings, SD	301	*	4	5	*
46013	Brown, SD	447	0	27	*	*
46015	Brule, SD	61	0	6	*	0
46017	Buffalo, SD	*	0	39	0	0
46019	Butte, SD	128	0	*	*	*
46021	Campbell, SD	17	0	0	0	0
46023	Charles Mix, SD	91	0	95	*	4
46025	Clark, SD	52	0	*	0	4
46027	Clay, SD	144	*	5	4	*
46029	Codington, SD	342	0	8	*	5
46031	Corson, SD	17	0	72	0	*
46033	Custer, SD	49	0	*	0	0
46035	Davison, SD	240	0	7	*	*
46037	Day, SD	59	0	15	0	0
46039	Deuel, SD	56	0	*	0	*
46041	Dewey, SD	19	0	110	0	*
46043	Douglas, SD	39	0	0	0	0
46045	Edmunds, SD	49	0	0	0	0
46047	Fall River, SD	69	*	5	0	*
46049	Faulk, SD	26	0	0	0	0
46051	Grant, SD	98	0	0	*	*
46053	Gregory, SD	39	0	8	0	*
46055	Haakon, SD	28	0	*	0	0
46057	Hamlin, SD	88	0	0	0	*

FIPS Code	County Name	1996 NUMBER OF BIRTHS BY RACE/ETHNICITY				
		White	Black	American Indian	Asian/Pac Islander	Hispanic
46059	Hand, SD	45	0	0	0	*
46061	Hanson, SD	49	0	0	0	0
46063	Harding, SD	11	0	0	*	0
46065	Hughes, SD	181	0	21	0	0
46066	Hutchinson, SD	94	*	*	0	0
46069	Hyde, SD	12	0	4	0	0
46071	Jackson, SD	13	0	30	0	*
46073	Jerauld, SD	24	0	0	0	0
46075	Jones, SD	16	0	0	0	0
46077	Kingsbury, SD	57	0	*	0	*
46079	Lake, SD	112	0	0	0	0
46081	Lawrence, SD	253	*	5	*	6
46083	Lincoln, SD	251	*	0	*	*
46085	Lyman, SD	24	0	36	0	0
46087	Mc Cook, SD	60	0	*	0	*
46089	Mc Pherson, SD	34	0	0	0	0
46091	Marshall, SD	49	0	*	0	0
46093	Meade, SD	398	12	18	12	8
46095	Mellette, SD	5	0	27	0	0
46097	Miner, SD	30	0	0	0	*
46099	Minnehaha, SD	1,985	43	48	35	39
46101	Moody, SD	64	0	7	0	0
46103	Pennington, SD	1,079	13	248	14	37
46105	Perkins, SD	49	*	0	0	0
46107	Potter, SD	31	0	*	0	0
46109	Roberts, SD	71	0	90	0	0
46111	Sanborn, SD	31	0	0	0	0
46113	Shannon, SD	7	0	322	*	*
46115	Spink, SD	86	*	*	0	0
46117	Stanley, SD	28	0	*	0	0
46119	Sully, SD	12	0	0	0	0
46121	Todd, SD	17	0	219	0	*
46123	Tripp, SD	64	0	24	0	*
46125	Turner, SD	92	0	0	0	0
46127	Union, SD	160	*	*	4	5
46129	Walworth, SD	57	0	27	0	*
46135	Yankton, SD	284	0	5	*	*
46137	Ziebach, SD	10	0	22	0	0
49	**UTAH**	**39,955**	**324**	**631**	**1,177**	**3,944**
49001	Beaver, UT	111	0	0	0	10
49003	Box Elder, UT	724	*	*	4	64
49005	Cache, UT	1,951	10	19	40	146
49007	Carbon, UT	292	4	4	*	42
49009	Daggett, UT	5	0	0	0	0
49011	Davis, UT	4,158	45	18	97	195
49013	Duchesne, UT	240	0	13	0	8
49015	Emery, UT	185	0	*	0	17
49017	Garfield, UT	65	0	*	*	*
49019	Grand, UT	118	*	*	*	7
49021	Iron, UT	592	*	20	5	21
49023	Juab, UT	152	*	0	*	6
49025	Kane, UT	81	0	*	*	0
49027	Millard, UT	172	0	*	*	19
49029	Morgan, UT	108	0	0	*	*
49031	Piute, UT	19	0	0	0	*
49033	Rich, UT	28	0	0	0	0
49035	Salt Lake, UT	15,536	187	174	769	1,954
49037	San Juan, UT	106	0	171	*	8
49039	Sanpete, UT	321	0	4	5	34
49041	Sevier, UT	321	0	4	5	34
49043	Summit, UT	366	*	0	8	36
49045	Tooele, UT	596	6	6	*	110
49047	Uintah, UT	348	0	51	*	23
49049	Utah, UT	8,145	16	48	168	550
49051	Wasatch, UT	228	*	*	*	9
49053	Washington, UT	1,433	*	26	17	75
49055	Wayne, UT	44	0	0	0	*
49057	Weber, UT	3,556	44	55	42	592

FIPS Code	County Name	1996 NUMBER OF BIRTHS BY RACE/ETHNICITY				
		White	Black	American Indian	Asian/Pac Islander	Hispanic
56	**WYOMING**	**5,959**	**49**	**216**	**62**	**523**
56001	Albany, WY	376	*	0	18	35
56003	Big Horn, WY	153	0	0	0	18
56005	Campbell, WY	419	*	4	*	17
56007	Carbon, WY	188	0	*	0	26
56009	Converse, WY	146	0	0	0	12
56011	Crook, WY	72	0	0	*	*
56013	Fremont, WY	291	*	164	*	19
56015	Goshen, WY	143	0	5	0	25
56017	Hot Springs, WY	34	0	*	0	*
56019	Johnson, WY	73	0	0	0	*
56021	Laramie, WY	1,098	34	11	17	150
56023	Lincoln, WY	198	0	*	0	8
56025	Natrona, WY	864	7	7	9	42
56027	Niobrara, WY	35	0	*	0	0
56029	Park, WY	278	0	*	4	22
56031	Platte, WY	86	0	0	0	9
56033	Sheridan, WY	274	0	*	0	6
56035	Sublette, WY	55	0	0	0	*
56037	Sweetwater, WY	508	*	9	*	63
56039	Teton, WY	162	0	*	*	30
56041	Uinta, WY	329	0	6	*	13
56043	Washakie, WY	95	0	0	*	16
56045	Weston, WY	82	0	0	0	*
	Region VIII	**122,340**	**3,160**	**5,029**	**3,122**	**17,407**
	Total US	**3,093,057**	**594,781**	**37,880**	**165,776**	**701,339**

* - Indicates 1, 2, or 3 births

FIPS Code	County Name	1996 PERCENT LOW BIRTHWEIGHT BIRTHS					
		Total	White	Black	American Indian	Asian/Pac Islander	Hispanic
08	**COLORADO**	**8.8%**	**8.5%**	**15.0%**	**6.5%**	**9.3%**	**8.6%**
08001	Adams, CO	9.3%	9.0%	14.1%	12.2%	10.2%	8.5%
08003	Alamosa, CO	11.5%	11.1%	0.0%	*	0.0%	11.2%
08005	Arapahoe, CO	9.5%	9.0%	13.7%	*	13.0%	7.9%
08007	Archuleta, CO	14.1%	14.1%	0.0%	0.0%	0.0%	0.0%
08009	Baca, CO	*	*	0.0%	0.0%	0.0%	0.0%
08011	Bent, CO	11.5%	12.0%	0.0%	0.0%	0.0%	20.0%
08013	Boulder, CO	7.9%	8.0%	*	*	7.4%	8.8%
08015	Chaffee, CO	7.5%	6.8%	0.0%	*	0.0%	0.0%
08017	Cheyenne, CO	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
08019	Clear Creek, CO	7.4%	7.5%	0.0%	0.0%	0.0%	0.0%
08021	Conejos, CO	8.1%	8.1%	0.0%	0.0%	0.0%	9.3%
08023	Costilla, CO	13.2%	13.2%	0.0%	0.0%	0.0%	16.0%
08025	Crowley, CO	8.9%	9.1%	0.0%	0.0%	0.0%	0.0%
08027	Custer, CO	14.3%	15.2%	0.0%	0.0%	0.0%	0.0%
08029	Delta, CO	7.5%	7.2%	*	0.0%	0.0%	8.5%
08031	Denver, CO	9.8%	9.0%	15.4%	10.6%	10.3%	9.1%
08033	Dolores, CO	*	*	0.0%	0.0%	0.0%	0.0%
08035	Douglas, CO	7.4%	7.3%	*	0.0%	6.5%	*
08037	Eagle, CO	10.4%	10.2%	*	0.0%	0.0%	10.3%
08039	Elbert, CO	8.4%	8.6%	0.0%	0.0%	0.0%	*
08041	El Paso, CO	8.5%	7.9%	15.8%	*	9.6%	8.6%
08043	Fremont, CO	10.6%	10.6%	0.0%	*	0.0%	*
08045	Garfield, CO	5.8%	5.9%	0.0%	0.0%	0.0%	6.4%
08047	Gilpin, CO	*	*	0.0%	0.0%	0.0%	*
08049	Grand, CO	12.9%	13.1%	0.0%	0.0%	0.0%	*
08051	Gunnison, CO	9.2%	8.6%	0.0%	*	0.0%	*
08053	Hinsdale, CO	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
08055	Huerfano, CO	*	*	0.0%	0.0%	0.0%	0.0%
08057	Jackson, CO	*	*	0.0%	0.0%	0.0%	0.0%
08059	Jefferson, CO	8.1%	8.1%	15.9%	*	8.6%	7.6%
08061	Kiowa, CO	*	*	0.0%	0.0%	0.0%	0.0%
08063	Kit Carson, CO	11.8%	12.0%	0.0%	0.0%	0.0%	26.7%
08065	Lake, CO	19.3%	19.5%	0.0%	0.0%	0.0%	25.6%
08067	La Plata, CO	6.7%	6.8%	0.0%	*	0.0%	11.6%
08069	Larimer, CO	7.6%	7.8%	*	0.0%	*	7.6%
08071	Las Animas, CO	9.6%	9.6%	0.0%	0.0%	0.0%	5.2%
08073	Lincoln, CO	8.3%	8.3%	0.0%	0.0%	0.0%	0.0%
08075	Logan, CO	4.5%	4.6%	0.0%	0.0%	0.0%	*
08077	Mesa, CO	7.5%	7.6%	0.0%	0.0%	*	6.8%
08079	Mineral, CO	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
08081	Moffat, CO	8.4%	8.6%	0.0%	0.0%	0.0%	*
08083	Montezuma, CO	6.7%	7.8%	0.0%	*	0.0%	*
08085	Montrose, CO	8.4%	8.5%	0.0%	0.0%	0.0%	11.1%
08087	Morgan, CO	8.0%	8.1%	0.0%	0.0%	0.0%	9.0%
08089	Otero, CO	8.4%	8.6%	0.0%	0.0%	0.0%	8.2%
08091	Ouray, CO	*	*	0.0%	0.0%	0.0%	0.0%
08093	Park, CO	11.2%	10.6%	*	0.0%	0.0%	0.0%
08095	Phillips, CO	8.8%	9.1%	0.0%	0.0%	0.0%	*
08097	Pitkin, CO	11.6%	11.9%	0.0%	0.0%	0.0%	0.0%
08099	Prowers, CO	7.8%	7.5%	*	0.0%	0.0%	11.1%
08101	Pueblo, CO	9.3%	9.4%	*	0.0%	*	8.9%
08103	Rio Blanco, CO	9.7%	8.5%	0.0%	*	0.0%	0.0%
08105	Rio Grande, CO	10.4%	10.9%	0.0%	0.0%	0.0%	7.5%
08107	Routt, CO	9.4%	9.4%	0.0%	0.0%	0.0%	*
08109	Saguache, CO	11.5%	11.9%	0.0%	0.0%	0.0%	9.4%
08111	San Juan, CO	*	*	0.0%	0.0%	0.0%	0.0%
08113	San Miguel, CO	11.5%	11.7%	0.0%	0.0%	0.0%	0.0%
08115	Sedgwick, CO	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
08117	Summit, CO	11.7%	11.5%	0.0%	*	0.0%	*
08119	Teller, CO	13.5%	12.0%	0.0%	*	*	*
08121	Washington, CO	12.9%	12.9%	0.0%	0.0%	0.0%	*
08123	Weld, CO	8.3%	8.3%	*	0.0%	*	7.0%
08125	Yuma, CO	3.8%	3.8%	0.0%	0.0%	0.0%	0.0%
30	**MONTANA**	**6.4%**	**6.2%**	**13.2%**	**7.0%**	**10.9%**	**8.1%**
30001	Beaverhead, MT	8.1%	8.1%	0.0%	0.0%	0.0%	*
30003	Big Horn, MT	6.7%	*	0.0%	7.5%	0.0%	0.0%
30005	Blaine, MT	7.2%	*	0.0%	8.5%	0.0%	0.0%

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30007	Broadwater, MT	*	*	0.0%	0.0%	0.0%	0.0%
30009	Carbon, MT	8.3%	8.4%	0.0%	0.0%	0.0%	0.0%
30011	Carter, MT	*	*	0.0%	0.0%	0.0%	*
30013	Cascade, MT	6.3%	5.8%	*	6.7%	19.2%	8.7%
30015	Chouteau, MT	*	*	0.0%	0.0%	0.0%	0.0%
30017	Custer, MT	8.9%	7.8%	0.0%	*	0.0%	0.0%
30019	Daniels, MT	*	*	0.0%	0.0%	0.0%	0.0%
30021	Dawson, MT	7.3%	7.4%	0.0%	0.0%	0.0%	0.0%
30023	Deer Lodge, MT	7.0%	6.0%	0.0%	*	0.0%	0.0%
30025	Fallon, MT	*	*	0.0%	0.0%	0.0%	0.0%
30027	Fergus, MT	4.1%	4.2%	0.0%	0.0%	0.0%	0.0%
30029	Flathead, MT	6.6%	6.2%	*	*	*	0.0%
30031	Gallatin, MT	5.7%	5.8%	0.0%	0.0%	0.0%	*
30033	Garfield, MT	*	*	0.0%	0.0%	0.0%	0.0%
30035	Glacier, MT	3.1%	*	0.0%	3.3%	0.0%	*
30037	Golden Valley, MT	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
30039	Granite, MT	10.3%	10.8%	0.0%	0.0%	0.0%	0.0%
30041	Hill, MT	5.5%	7.6%	0.0%	*	0.0%	0.0%
30043	Jefferson, MT	9.0%	8.0%	0.0%	*	0.0%	*
30045	Judith Basin, MT	*	*	0.0%	0.0%	0.0%	0.0%
30047	Lake, MT	8.3%	7.0%	0.0%	10.9%	0.0%	0.0%
30049	Lewis And Clark, MT	6.2%	5.4%	0.0%	21.6%	0.0%	0.0%
30051	Liberty, MT	*	*	0.0%	0.0%	0.0%	0.0%
30053	Lincoln, MT	4.1%	4.3%	0.0%	0.0%	0.0%	0.0%
30055	Mccone, MT	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
30057	Madison, MT	9.2%	9.2%	0.0%	0.0%	0.0%	0.0%
30059	Meagher, MT	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
30061	Mineral, MT	*	*	0.0%	*	0.0%	0.0%
30063	Missoula, MT	5.5%	5.6%	0.0%	0.0%	*	*
30065	Musselshell, MT	8.7%	8.9%	0.0%	0.0%	0.0%	0.0%
30066	Park, MT	7.5%	7.7%	0.0%	0.0%	0.0%	*
30069	Petroleum, MT	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
30071	Phillips, MT	*	*	0.0%	0.0%	0.0%	0.0%
30073	Pondera, MT	7.9%	7.8%	0.0%	*	0.0%	*
30075	Powder River, MT	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
30077	Powell, MT	7.8%	8.2%	0.0%	0.0%	0.0%	0.0%
30079	Prairie, MT	*	*	0.0%	0.0%	0.0%	0.0%
30081	Ravalli, MT	4.6%	4.6%	0.0%	0.0%	0.0%	0.0%
30083	Richland, MT	5.1%	5.3%	0.0%	0.0%	0.0%	0.0%
30085	Roosevelt, MT	5.3%	8.5%	0.0%	3.9%	0.0%	0.0%
30087	Rosebud, MT	4.8%	*	0.0%	7.7%	0.0%	*
30089	Sanders, MT	13.5%	11.5%	0.0%	*	0.0%	0.0%
30091	Sheridan, MT	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
30093	Silver Bow, MT	8.9%	9.1%	0.0%	0.0%	0.0%	*
30095	Stillwater, MT	*	*	0.0%	0.0%	0.0%	0.0%
30097	Sweet Grass, MT	9.8%	*	0.0%	*	0.0%	0.0%
30099	Teton, MT	9.5%	9.8%	0.0%	0.0%	0.0%	0.0%
30101	Toole, MT	*	*	0.0%	0.0%	*	0.0%
30103	Treasure, MT	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
30105	Valley, MT	*	*	0.0%	0.0%	0.0%	0.0%
30107	Wheatland, MT	*	*	0.0%	0.0%	0.0%	0.0%
30109	Wibaux, MT	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
30111	Yellowstone, MT	7.3%	7.2%	*	6.0%	*	10.6%
38	**NORTH DAKOTA**	**5.7%**	**5.7%**	**10.1%**	**5.1%**	**8.7%**	**6.6%**
38001	Adams, ND	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
38003	Barnes, ND	3.0%	3.1%	0.0%	0.0%	0.0%	0.0%
38005	Benson, ND	4.7%	*	0.0%	*	0.0%	0.0%
38007	Billings, ND	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
38009	Bottineau, ND	*	*	0.0%	0.0%	0.0%	0.0%
38011	Bowman, ND	*	*	0.0%	0.0%	0.0%	0.0%
38013	Burke, ND	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
38015	Burleigh, ND	6.0%	6.3%	0.0%	*	*	0.0%
38017	Cass, ND	5.8%	5.8%	*	*	*	*
38019	Cavalier, ND	*	*	0.0%	0.0%	0.0%	0.0%
38021	Dickey, ND	*	*	0.0%	0.0%	0.0%	0.0%
38023	Divide, ND	20.0%	*	0.0%	*	0.0%	0.0%
38025	Dunn, ND	*	*	0.0%	*	0.0%	0.0%
38027	Eddy, ND	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

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38029	Emmons, ND	8.3%	8.5%	0.0%	0.0%	0.0%	0.0%
38031	Foster, ND	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
38033	Golden Valley, ND	*	*	0.0%	0.0%	0.0%	0.0%
38035	Grand Forks, ND	5.0%	4.3%	21.4%	10.3%	*	*
38037	Grant, ND	*	*	0.0%	0.0%	0.0%	0.0%
38039	Griggs, ND	14.3%	14.3%	0.0%	0.0%	0.0%	0.0%
38041	Hettinger, ND	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
38043	Kidder, ND	*	*	0.0%	0.0%	0.0%	0.0%
38045	La Moure, ND	*	*	0.0%	0.0%	0.0%	0.0%
38047	Logan, ND	12.9%	12.9%	0.0%	0.0%	0.0%	0.0%
38049	Mchenry, ND	12.7%	12.7%	0.0%	0.0%	0.0%	0.0%
38051	Mcintosh, ND	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
38053	Mckenzie, ND	6.8%	0.0%	0.0%	18.2%	0.0%	0.0%
38055	Mclean, ND	4.8%	6.2%	0.0%	0.0%	0.0%	0.0%
38057	Mercer, ND	12.8%	13.3%	0.0%	0.0%	0.0%	0.0%
38059	Morton, ND	6.1%	6.1%	0.0%	*	0.0%	0.0%
38061	Mountrail, ND	5.5%	*	0.0%	*	0.0%	0.0%
38063	Nelson, ND	*	*	0.0%	0.0%	0.0%	0.0%
38065	Oliver, ND	*	*	0.0%	0.0%	0.0%	0.0%
38066	Pembina, ND	11.6%	11.0%	0.0%	*	0.0%	*
38069	Pierce, ND	*	*	0.0%	0.0%	0.0%	0.0%
38071	Ramsey, ND	7.3%	8.1%	*	0.0%	0.0%	*
38073	Ransom, ND	12.3%	12.7%	0.0%	0.0%	0.0%	0.0%
38075	Renville, ND	*	*	0.0%	0.0%	0.0%	*
38077	Richland, ND	3.3%	3.4%	0.0%	0.0%	0.0%	0.0%
38079	Rolette, ND	4.0%	*	0.0%	3.9%	0.0%	0.0%
38081	Sargent, ND	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
38083	Sheridan, ND	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
38085	Sioux, ND	7.2%	*	0.0%	6.5%	0.0%	0.0%
38087	Slope, ND	*	*	0.0%	0.0%	0.0%	0.0%
38089	Stark, ND	6.9%	6.7%	0.0%	*	0.0%	0.0%
38091	Steele, ND	*	*	0.0%	0.0%	0.0%	0.0%
38093	Stutsman, ND	4.6%	4.8%	0.0%	0.0%	0.0%	0.0%
38095	Towner, ND	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
38097	Traill, ND	*	*	0.0%	0.0%	0.0%	0.0%
38099	Walsh, ND	5.4%	5.6%	0.0%	0.0%	0.0%	0.0%
38101	Ward, ND	6.5%	6.5%	*	*	20.0%	0.0%
38103	Wells, ND	*	*	0.0%	0.0%	0.0%	0.0%
38105	Williams, ND	4.3%	4.3%	0.0%	*	0.0%	0.0%
46	**SOUTH DAKOTA**	**5.8%**	**5.8%**	**9.6%**	**5.5%**	**7.4%**	**7.5%**
46003	Aurora, SD	*	*	0.0%	0.0%	0.0%	0.0%
46005	Beadle, SD	3.6%	3.8%	0.0%	0.0%	0.0%	0.0%
46007	Bennett, SD	*	*	0.0%	*	0.0%	0.0%
46009	Bon Homme, SD	6.4%	6.7%	0.0%	0.0%	0.0%	0.0%
46011	Brookings, SD	4.5%	4.7%	0.0%	0.0%	0.0%	0.0%
46013	Brown, SD	4.4%	4.3%	0.0%	*	0.0%	0.0%
46015	Brule, SD	*	*	0.0%	0.0%	0.0%	0.0%
46017	Buffalo, SD	12.5%	*	0.0%	10.3%	0.0%	0.0%
46019	Butte, SD	5.3%	5.5%	0.0%	0.0%	0.0%	0.0%
46021	Campbell, SD	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
46023	Charles Mix, SD	4.3%	0.0%	0.0%	8.4%	0.0%	0.0%
46025	Clark, SD	*	*	0.0%	0.0%	0.0%	*
46027	Clay, SD	4.5%	4.9%	0.0%	0.0%	0.0%	0.0%
46029	Codington, SD	9.3%	8.8%	0.0%	*	*	0.0%
46031	Corson, SD	4.5%	*	0.0%	*	0.0%	0.0%
46033	Custer, SD	7.7%	8.2%	0.0%	0.0%	0.0%	0.0%
46035	Davison, SD	7.7%	7.5%	0.0%	*	0.0%	0.0%
46037	Day, SD	13.5%	16.9%	0.0%	0.0%	0.0%	0.0%
46039	Deuel, SD	10.5%	10.7%	0.0%	0.0%	0.0%	0.0%
46041	Dewey, SD	3.1%	0.0%	0.0%	3.6%	0.0%	0.0%
46043	Douglas, SD	*	*	0.0%	0.0%	0.0%	0.0%
46045	Edmunds, SD	*	*	0.0%	0.0%	0.0%	0.0%
46047	Fall River, SD	5.3%	5.8%	0.0%	0.0%	0.0%	0.0%
46049	Faulk, SD	*	*	0.0%	0.0%	0.0%	0.0%
46051	Grant, SD	4.0%	4.1%	0.0%	0.0%	0.0%	0.0%
46053	Gregory, SD	*	*	0.0%	0.0%	0.0%	0.0%
46055	Haakon, SD	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
46057	Hamlin, SD	4.5%	4.5%	0.0%	0.0%	0.0%	0.0%

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46059	Hand, SD	*	*	0.0%	0.0%	0.0%	0.0%
46061	Hanson, SD	10.2%	10.2%	0.0%	0.0%	0.0%	0.0%
46063	Harding, SD	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
46065	Hughes, SD	6.9%	6.1%	0.0%	*	0.0%	0.0%
46066	Hutchinson, SD	*	*	0.0%	0.0%	0.0%	0.0%
46069	Hyde, SD	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
46071	Jackson, SD	*	*	0.0%	*	0.0%	0.0%
46073	Jerauld, SD	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
46075	Jones, SD	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
46077	Kingsbury, SD	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
46079	Lake, SD	4.5%	4.5%	0.0%	0.0%	0.0%	0.0%
46081	Lawrence, SD	7.7%	7.9%	0.0%	0.0%	0.0%	0.0%
46083	Lincoln, SD	5.9%	5.6%	*	0.0%	0.0%	0.0%
46085	Lyman, SD	6.7%	*	0.0%	*	0.0%	0.0%
46087	Mc Cook, SD	6.6%	6.7%	0.0%	0.0%	0.0%	0.0%
46089	Mc Pherson, SD	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
46091	Marshall, SD	*	*	0.0%	0.0%	0.0%	0.0%
46093	Meade, SD	5.2%	5.0%	*	*	0.0%	0.0%
46095	Mellette, SD	*	*	0.0%	*	0.0%	0.0%
46097	Miner, SD	*	*	0.0%	0.0%	0.0%	0.0%
46099	Minnehaha, SD	5.7%	5.5%	11.6%	*	11.8%	15.4%
46101	Moody, SD	11.3%	10.9%	0.0%	*	0.0%	0.0%
46103	Pennington, SD	7.8%	8.1%	*	6.5%	*	*
46105	Perkins, SD	*	*	0.0%	0.0%	0.0%	0.0%
46107	Potter, SD	*	*	0.0%	0.0%	0.0%	0.0%
46109	Roberts, SD	6.2%	*	0.0%	7.8%	0.0%	0.0%
46111	Sanborn, SD	16.1%	16.1%	0.0%	0.0%	0.0%	0.0%
46113	Shannon, SD	5.5%	0.0%	0.0%	5.6%	0.0%	*
46115	Spink, SD	4.5%	4.7%	0.0%	0.0%	0.0%	0.0%
46117	Stanley, SD	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
46119	Sully, SD	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
46121	Todd, SD	3.8%	0.0%	0.0%	4.1%	0.0%	0.0%
46123	Tripp, SD	*	*	0.0%	0.0%	0.0%	0.0%
46125	Turner, SD	5.4%	5.4%	0.0%	0.0%	0.0%	0.0%
46127	Union, SD	6.5%	6.3%	0.0%	0.0%	*	0.0%
46129	Walworth, SD	*	*	0.0%	0.0%	0.0%	0.0%
46135	Yankton, SD	4.5%	4.6%	0.0%	0.0%	0.0%	0.0%
46137	Ziebach, SD	*	*	0.0%	*	0.0%	0.0%
49	**UTAH**	**6.6%**	**6.6%**	**12.0%**	**7.8%**	**6.5%**	**8.2%**
49001	Beaver, UT	4.5%	4.5%	0.0%	0.0%	0.0%	0.0%
49003	Box Elder, UT	6.5%	6.5%	0.0%	0.0%	*	6.3%
49005	Cache, UT	5.8%	5.8%	*	*	*	3.4%
49007	Carbon, UT	9.6%	9.3%	*	0.0%	0.0%	11.9%
49009	Daggett, UT	*	*	0.0%	0.0%	0.0%	0.0%
49011	Davis, UT	6.3%	6.2%	*	22.2%	7.2%	7.7%
49013	Duchesne, UT	5.9%	6.3%	0.0%	0.0%	0.0%	*
49015	Emery, UT	10.6%	10.9%	0.0%	0.0%	0.0%	*
49017	Garfield, UT	5.7%	6.2%	0.0%	0.0%	0.0%	*
49019	Grand, UT	9.0%	9.3%	0.0%	0.0%	0.0%	0.0%
49021	Iron, UT	6.1%	6.1%	0.0%	*	0.0%	19.0%
49023	Juab, UT	4.5%	4.6%	0.0%	0.0%	0.0%	0.0%
49025	Kane, UT	8.4%	8.6%	0.0%	0.0%	0.0%	0.0%
49027	Millard, UT	6.3%	6.4%	0.0%	0.0%	0.0%	0.0%
49029	Morgan, UT	6.4%	5.6%	0.0%	0.0%	*	0.0%
49031	Piute, UT	*	*	0.0%	0.0%	0.0%	0.0%
49033	Rich, UT	*	*	0.0%	0.0%	0.0%	0.0%
49035	Salt Lake, UT	7.1%	7.1%	12.8%	9.2%	6.5%	8.9%
49037	San Juan, UT	6.8%	8.5%	0.0%	5.8%	0.0%	0.0%
49039	Sanpete, UT	7.3%	7.5%	0.0%	0.0%	0.0%	*
49041	Sevier, UT	7.3%	7.5%	0.0%	0.0%	0.0%	*
49043	Summit, UT	8.5%	7.7%	0.0%	0.0%	50.0%	*
49045	Tooele, UT	8.5%	8.6%	0.0%	0.0%	*	7.3%
49047	Uintah, UT	7.5%	6.9%	0.0%	11.8%	0.0%	*
49049	Utah, UT	5.3%	5.3%	*	*	4.2%	6.7%
49051	Wasatch, UT	8.2%	7.9%	0.0%	*	0.0%	0.0%
49053	Washington, UT	4.9%	5.0%	*	0.0%	0.0%	*
49055	Wayne, UT	11.4%	11.4%	0.0%	0.0%	0.0%	*
49057	Weber, UT	7.8%	7.7%	11.4%	10.9%	9.5%	9.8%

FIPS Code	County Name	1996 PERCENT LOW BIRTHWEIGHT BIRTHS					
		Total	White	Black	American Indian	Asian/Pac Islander	Hispanic
56	**WYOMING**	**8.4%**	**8.3%**	**12.2%**	**9.7%**	**9.7%**	**9.6%**
56001	Albany, WY	10.6%	10.9%	0.0%	0.0%	*	*
56003	Big Horn, WY	5.2%	5.2%	0.0%	0.0%	0.0%	*
56005	Campbell, WY	6.1%	5.7%	0.0%	*	0.0%	0.0%
56007	Carbon, WY	7.4%	7.4%	0.0%	0.0%	0.0%	*
56009	Converse, WY	2.7%	2.7%	0.0%	0.0%	0.0%	0.0%
56011	Crook, WY	*	*	0.0%	0.0%	0.0%	0.0%
56013	Fremont, WY	9.4%	10.3%	0.0%	7.9%	0.0%	0.0%
56015	Goshen, WY	5.4%	4.9%	0.0%	*	0.0%	*
56017	Hot Springs, WY	*	*	0.0%	0.0%	0.0%	0.0%
56019	Johnson, WY	8.2%	8.2%	0.0%	0.0%	0.0%	0.0%
56021	Laramie, WY	10.8%	10.6%	14.7%	*	*	16.0%
56023	Lincoln, WY	9.0%	9.1%	0.0%	0.0%	0.0%	*
56025	Natrona, WY	7.9%	7.9%	*	*	0.0%	14.3%
56027	Niobrara, WY	16.7%	14.3%	0.0%	*	0.0%	0.0%
56029	Park, WY	8.1%	7.9%	0.0%	0.0%	*	0.0%
56031	Platte, WY	7.0%	7.0%	0.0%	0.0%	0.0%	*
56033	Sheridan, WY	5.4%	5.1%	0.0%	*	0.0%	0.0%
56035	Sublette, WY	7.3%	7.3%	0.0%	0.0%	0.0%	*
56037	Sweetwater, WY	8.4%	8.5%	0.0%	*	0.0%	7.9%
56039	Teton, WY	6.7%	6.8%	0.0%	0.0%	0.0%	*
56041	Uinta, WY	10.9%	11.2%	0.0%	0.0%	0.0%	0.0%
56043	Washakie, WY	8.2%	7.4%	0.0%	0.0%	*	0.0%
56045	Weston, WY	9.8%	9.8%	0.0%	0.0%	0.0%	0.0%
	Region VIII	**7.5%**	**7.3%**	**14.4%**	**6.4%**	**8.3%**	**8.5%**
	Total US	**7.4%**	**6.3%**	**13.0%**	**6.5%**	**7.1%**	**6.3%**

* - Indicates 0, 1, 2, or 3 births in county for the race/ethnicity

FIPS Code	County Name	Population^	1996 VIOLENCE								
			INCIDENCE				RATE PER 100,000**				
			Murder	Rape	Robbery	Assault	Murder	Rape	Robbery	Assault	Rape(f)
08	**COLORADO**	**3,698,115**	**176**	**1,703**	**3,625**	**9,431**	**5**	**46**	**98**	**255**	**88**
	Colorado State PA	---	0	1	0	34	---	---	---	---	
08001	Adams, CO	257,081	14	118	266	834	5.4	45.9	103.5	324.4	75.6
08003	Alamosa, CO	8,057	0	10	5	14	0.0	124.1	62.1	173.8	138.1
08005	Arapahoe, CO	463,568	14	219	605	1,047	3.0	47.2	130.5	225.9	93.8
08007	Archuleta, CO	6,819	0	0	0	3	0.0	0.0	0.0	44.0	0.0
08009	Baca, CO	4,536	0	1	0	3	0.0	22.0	0.0	66.1	44.0
08011	Bent, CO	5,347	0	3	1	18	0.0	56.1	18.7	336.6	112.9
08013	Boulder, CO	259,584	3	131	127	353	1.2	50.5	48.9	136.0	101.6
08015	Chaffee, CO	14,421	0	3	1	21	0.0	20.8	6.9	145.6	43.5
08017	Cheyenne, CO	2,456	0	0	0	15	0.0	0.0	0.0	610.7	0.0
08019	Clear Creek, CO	8,906	0	2	2	19	0.0	22.5	22.5	213.3	49.4
08021	Conejos, CO	7,220	2	1	1	4	27.7	13.9	13.9	55.4	25.6
08023	Costilla, CO	3,429	0	0	0	2	0.0	0.0	0.0	58.3	0.0
08025	Crowley, CO	4,402	0	1	1	5	0.0	22.7	22.7	113.6	62.1
08027	Custer, CO	2,594	0	0	0	0	0.0	0.0	0.0	0.0	0.0
08029	Delta, CO	25,217	0	4	2	30	0.0	15.9	7.9	119.0	31.2
08031	Denver, CO	516,224	64	359	1,328	2,101	12.4	69.5	257.3	407.0	140.4
08033	Dolores, CO	1,587	0	0	1	1	0.0	0.0	63.0	63.0	0.0
08035	Douglas, CO	92,099	0	20	12	115	0.0	21.7	13.0	124.9	36.1
08037	Eagle, CO	28,617	0	7	5	39	0.0	24.5	17.5	136.3	48.5
08039	Elbert, CO	13,609	0	2	1	12	0.0	14.7	7.3	88.2	24.8
08041	El Paso, CO	472,494	20	264	479	1,182	4.2	55.9	101.4	250.2	111.4
08043	Fremont, CO	37,399	0	13	8	76	0.0	34.8	21.4	203.2	69.1
08045	Garfield, CO	28,625	1	10	3	16	3.5	34.9	10.5	55.9	55.9
08047	Gilpin, CO	3,517	0	0	6	7	0.0	0.0	170.6	199.0	0.0
08049	Grand, CO	9,204	0	2	0	2	0.0	21.7	0.0	21.7	44.8
08051	Gunnison, CO	12,124	0	2	0	8	0.0	16.5	0.0	66.0	35.0
08053	Hinsdale, CO	624	0	0	0	1	0.0	0.0	0.0	160.3	0.0
08055	Huerfano, CO	6,400	0	0	1	23	0.0	0.0	15.6	359.4	0.0
08057	Jackson, CO	1,727	0	0	0	7	0.0	0.0	0.0	405.3	0.0
08059	Jefferson, CO	458,791	10	115	333	653	2.2	25.1	72.6	142.3	46.1
08061	Kiowa, CO	1,737	0	0	0	1	0.0	0.0	0.0	57.6	0.0
08063	Kit Carson, CO	6,817	0	2	1	6	0.0	29.3	14.7	88.0	54.9
08065	Lake, CO	3,692	0	2	1	4	0.0	54.2	27.1	108.3	66.6
08067	La Plata, CO	38,683	3	21	9	63	7.8	54.3	23.3	162.9	107.2
08069	Larimer, CO	222,043	4	132	68	381	1.8	59.4	30.6	171.6	117.9
08071	Las Animas, CO	14,701	1	0	3	52	6.8	0.0	20.4	353.7	0.0
08073	Lincoln, CO	4,076	0	2	0	9	0.0	49.1	0.0	220.8	83.1
08075	Logan, CO	18,275	1	6	0	19	5.5	32.8	0.0	104.0	64.8
08077	Mesa, CO	108,360	7	37	56	238	6.5	34.1	51.7	219.6	66.5
08079	Mineral, CO	637	0	1	0	0	0.0	157.0	0.0	0.0	299.4
08081	Moffat, CO	12,107	1	12	0	24	8.3	99.1	0.0	198.2	202.2
08083	Montezuma, CO	21,852	2	3	2	28	9.2	13.7	9.2	128.1	26.6
08085	Montrose, CO	28,864	1	7	6	60	3.5	24.3	20.8	207.9	46.4
08087	Morgan, CO	23,885	1	3	4	18	4.2	12.6	16.7	75.4	23.8
08089	Otero, CO	21,356	2	5	8	60	9.4	23.4	37.5	281.0	46.5
08091	Ouray, CO	2,251	0	0	0	2	0.0	0.0	0.0	88.8	0.0
08093	Park, CO	9,300	0	2	0	12	0.0	21.5	0.0	129.0	35.5
08095	Phillips, CO	4,422	0	3	0	3	0.0	67.8	0.0	67.8	131.9
08097	Pitkin, CO	14,177	0	12	1	35	0.0	84.6	7.1	246.9	188.0
08099	Prowers, CO	13,792	0	4	3	12	0.0	29.0	21.8	87.0	57.2
08101	Pueblo, CO	133,494	13	79	199	1,124	9.7	59.2	149.1	842.0	117.4
08103	Rio Blanco, CO	6,685	0	1	1	8	0.0	15.0	15.0	119.7	32.1
08105	Rio Grande, CO	11,497	1	4	0	27	8.7	34.8	0.0	234.8	69.9
08107	Routt, CO	15,420	0	1	0	32	0.0	6.5	0.0	207.5	12.6
08109	Saguache, CO	5,313	1	0	1	42	18.8	0.0	18.8	790.5	0.0
08111	San Juan, CO	574	0	1	0	6	0.0	174.2	0.0	1045.3	392.2
08113	San Miguel, CO	1,928	0	1	0	5	0.0	51.9	0.0	259.3	41.1
08115	Sedgwick, CO	2,770	1	0	0	0	36.1	0.0	0.0	0.0	0.0
08117	Summit, CO	17,014	0	6	8	37	0.0	35.3	47.0	217.5	73.4
08119	Teller, CO	16,856	1	1	5	36	5.9	5.9	29.7	213.6	10.9
08121	Washington, CO	4,876	0	1	0	1	0.0	20.5	0.0	20.5	42.6
08123	Weld, CO	144,496	8	66	61	408	5.5	45.7	42.2	282.4	86.1
08125	Yuma, CO	9,487	0	0	0	33	0.0	0.0	0.0	347.8	0.0
30	**MONTANA**	**765,191**	**29**	**202**	**227**	**875**	**4**	**26**	**30**	**114**	**46**
30001	Beaverhead, MT	9,085	0	0	0	7	0.0	0.0	0.0	77.1	0.0
30003	Big Horn, MT	12,383	0	8	2	35	0.0	64.6	16.2	282.6	128.5

FIPS Code	County Name	Population^	1996 VIOLENCE								
			INCIDENCE				RATE PER 100,000**				
			Murder	Rape	Robbery	Assault	Murder	Rape	Robbery	Assault	Rape(f)
30005	Blaine, MT	7,243	0	1	0	3	0.0	13.8	0.0	41.4	28.3
30007	Broadwater, MT	3,775	0	0	3	11	0.0	0.0	79.5	291.4	0.0
30009	Carbon, MT	7,952	0	0	1	1	0.0	0.0	12.6	12.6	0.0
30011	Carter, MT	275	0	0	0	1	0.0	0.0	0.0	363.6	0.0
30013	Cascade, MT	83,400	5	21	39	46	6.0	25.2	46.8	55.2	51.2
30015	Chouteau, MT	5,595	1	0	0	5	17.9	0.0	0.0	89.4	0.0
30017	Custer, MT	12,450	0	6	1	66	0.0	48.2	8.0	530.1	95.9
30019	Daniels, MT	2,207	0	0	0	1	0.0	0.0	0.0	45.3	0.0
30021	Dawson, MT	9,234	0	1	0	10	0.0	10.8	0.0	108.3	21.9
30023	Deer Lodge, MT	10,503	0	0	0	9	0.0	0.0	0.0	85.7	0.0
30025	Fallon, MT	3,141	0	0	1	1	0.0	0.0	31.8	31.8	0.0
30027	Fergus, MT	12,924	0	1	0	7	0.0	7.7	0.0	54.2	15.5
30029	Flathead, MT	69,090	2	29	11	105	2.9	42.0	15.9	152.0	81.3
30031	Gallatin, MT	59,320	0	11	17	67	0.0	18.5	28.7	112.9	37.4
30033	Garfield, MT	1,471	0	0	0	0	0.0	0.0	0.0	0.0	0.0
30035	Glacier, MT	2,325	1	0	0	1	43.0	0.0	0.0	43.0	0.0
30037	Golden Valley, MT	973	0	0	0	1	0.0	0.0	0.0	102.8	0.0
30039	Granite, MT	2,725	0	0	0	1	0.0	0.0	0.0	36.7	0.0
30041	Hill, MT	17,947	0	5	2	19	0.0	27.9	11.1	105.9	56.1
30043	Jefferson, MT	8,012	2	3	0	17	25.0	37.4	0.0	212.2	63.7
30045	Judith Basin, MT	2,305	0	0	0	0	0.0	0.0	0.0	0.0	0.0
30047	Lake, MT	21,573	1	2	7	33	4.6	9.3	32.4	153.0	16.1
30049	Lewis And Clark, MT	51,211	1	42	29	101	2.0	82.0	56.6	197.2	155.0
30051	Liberty, MT	2,297	0	0	0	3	0.0	0.0	0.0	130.6	0.0
30053	Lincoln, MT	17,901	1	0	0	17	5.6	0.0	0.0	95.0	0.0
30055	Mccone, MT	2,197	0	0	0	0	0.0	0.0	0.0	0.0	0.0
30057	Madison, MT	6,555	1	0	0	4	15.3	0.0	0.0	61.0	0.0
30059	Meagher, MT	1,878	0	0	0	1	0.0	0.0	0.0	53.2	0.0
30061	Mineral, MT	3,730	0	1	4	14	0.0	26.8	107.2	375.3	54.5
30063	Missoula, MT	41,387	5	25	10	52	12.1	60.4	24.2	125.6	55.9
30065	Musselshell, MT	4,540	0	0	1	19	0.0	0.0	22.0	418.5	0.0
30067	Park, MT	7,612	0	0	0	9	0.0	0.0	0.0	118.2	0.0
30069	Petroleum, MT	547	0	0	0	1	0.0	0.0	0.0	182.8	0.0
30071	Phillips, MT	5,173	0	0	0	3	0.0	0.0	0.0	58.0	0.0
30073	Pondera, MT	6,383	0	0	1	3	0.0	0.0	15.7	47.0	0.0
30075	Powder River, MT	2,059	0	0	0	1	0.0	0.0	0.0	48.6	0.0
30077	Powell, MT	6,974	0	1	0	11	0.0	14.3	0.0	157.7	34.8
30079	Prairie, MT	1,365	0	0	0	0	0.0	0.0	0.0	0.0	0.0
30081	Ravalli, MT	6,784	0	1	2	7	0.0	14.7	29.5	103.2	5.9
30083	Richland, MT	5,320	0	1	1	5	0.0	18.8	18.8	94.0	19.3
30085	Roosevelt, MT	11,425	0	0	0	0	0.0	0.0	0.0	0.0	0.0
30087	Rosebud, MT	11,043	0	4	4	20	0.0	36.2	36.2	181.1	78.4
30089	Sanders, MT	2,691	0	1	1	14	0.0	37.2	37.2	520.3	20.2
30091	Sheridan, MT	4,552	0	0	0	9	0.0	0.0	0.0	197.7	0.0
30093	Silver Bow, MT	35,748	2	6	9	77	5.6	16.8	25.2	215.4	34.2
30095	Stillwater, MT	5,606	0	2	1	7	0.0	35.7	17.8	124.9	52.6
30097	Sweet Grass, MT	3,356	0	0	0	2	0.0	0.0	0.0	59.6	0.0
30099	Teton, MT	6,610	0	0	0	2	0.0	0.0	0.0	30.3	0.0
30101	Toole, MT	5,223	0	0	0	3	0.0	0.0	0.0	57.4	0.0
30103	Treasure, MT	898	0	0	0	0	0.0	0.0	0.0	0.0	0.0
30105	Valley, MT	8,537	0	1	0	4	0.0	11.7	0.0	46.9	24.0
30107	Wheatland, MT	2,417	0	0	0	6	0.0	0.0	0.0	248.2	0.0
30109	Wibaux, MT	1,167	0	0	0	0	0.0	0.0	0.0	0.0	0.0
30111	Yellowstone, MT	126,097	7	29	80	33	5.6	23.0	63.4	26.2	44.9
30113	Yellowstone Park, MT	0	0	0	0	0	*	*	*	*	0.0
38	**NORTH DAKOTA**	**606,705**	**10**	**136**	**63**	**283**	**2**	**22**	**10**	**47**	**42**
38001	Adams, ND	2,783	0	1	0	0	0.0	35.9	0.0	0.0	69.9
38003	Barnes, ND	12,208	0	3	0	2	0.0	24.6	0.0	16.4	48.4
38005	Benson, ND	7,069	0	0	0	0	0.0	0.0	0.0	0.0	0.0
38007	Billings, ND	1,155	0	0	0	0	0.0	0.0	0.0	0.0	0.0
38009	Bottineau, ND	7,788	0	0	0	2	0.0	0.0	0.0	25.7	0.0
38011	Bowman, ND	3,276	0	0	0	0	0.0	0.0	0.0	0.0	0.0
38013	Burke, ND	2,202	0	2	0	0	0.0	90.8	0.0	0.0	162.2
38015	Burleigh, ND	64,525	1	7	9	41	1.5	10.8	13.9	63.5	20.8
38017	Cass, ND	110,545	1	37	24	74	0.9	33.5	21.7	66.9	65.3
38019	Cavalier, ND	5,711	0	0	0	0	0.0	0.0	0.0	0.0	0.0
38021	Dickey, ND	4,166	0	0	0	3	0.0	0.0	0.0	72.0	0.0
38023	Divide, ND	2,631	0	0	0	0	0.0	0.0	0.0	0.0	0.0

FIPS Code	County Name	Population^	1996 VIOLENCE								
			INCIDENCE				RATE PER 100,000**				
			Murder	Rape	Robbery	Assault	Murder	Rape	Robbery	Assault	Rape(f)
38025	Dunn, ND	3,856	0	0	0	0	0.0	0.0	0.0	0.0	0.0
38027	Eddy, ND	1,299	0	0	0	0	0.0	0.0	0.0	0.0	0.0
38029	Emmons, ND	3,284	0	0	0	2	0.0	0.0	0.0	60.9	0.0
38031	Foster, ND	3,927	0	0	0	0	0.0	0.0	0.0	0.0	0.0
38033	Golden Valley, ND	1,965	0	0	0	0	0.0	0.0	0.0	0.0	0.0
38035	Grand Forks, ND	71,131	2	9	6	27	2.8	12.7	8.4	38.0	25.7
38037	Grant, ND	674	0	0	0	0	0.0	0.0	0.0	0.0	0.0
38039	Griggs, ND	0	0	0	0	0	*	*	*	*	0.0
38041	Hettinger, ND	3,094	1	0	0	0	32.3	0.0	0.0	0.0	0.0
38043	Kidder, ND	3,108	0	0	0	0	0.0	0.0	0.0	0.0	0.0
38045	La Moure, ND	5,187	0	0	1	1	0.0	0.0	19.3	19.3	0.0
38047	Logan, ND	2,422	0	0	0	0	0.0	0.0	0.0	0.0	0.0
38049	Mchenry, ND	6,284	0	0	0	1	0.0	0.0	0.0	15.9	0.0
38051	Mcintosh, ND	3,727	0	0	0	0	0.0	0.0	0.0	0.0	0.0
38053	Mckenzie, ND	5,943	1	0	0	2	16.8	0.0	0.0	33.7	0.0
38055	Mclean, ND	10,037	0	0	0	0	0.0	0.0	0.0	0.0	0.0
38057	Mercer, ND	9,488	0	6	0	5	0.0	63.2	0.0	52.7	127.1
38059	Morton, ND	24,456	0	21	1	40	0.0	85.9	4.1	163.6	170.6
38061	Mountrail, ND	6,800	0	0	0	1	0.0	0.0	0.0	14.7	0.0
38063	Nelson, ND	4,124	0	0	0	1	0.0	0.0	0.0	24.2	0.0
38065	Oliver, ND	2,232	1	0	0	0	44.8	0.0	0.0	0.0	0.0
38067	Pembina, ND	8,869	0	1	0	0	0.0	11.3	0.0	0.0	22.7
38069	Pierce, ND	4,696	0	1	0	2	0.0	21.3	0.0	42.6	42.2
38071	Ramsey, ND	12,797	0	1	0	17	0.0	7.8	0.0	132.8	15.8
38073	Ransom, ND	5,916	0	3	0	4	0.0	50.7	0.0	67.6	107.0
38075	Renville, ND	2,955	1	1	0	0	33.8	33.8	0.0	0.0	70.6
38077	Richland, ND	18,509	0	8	5	8	0.0	43.2	27.0	43.2	91.1
38079	Rolette, ND	13,638	0	0	0	0	0.0	0.0	0.0	0.0	0.0
38081	Sargent, ND	3,874	0	2	0	1	0.0	51.6	0.0	25.8	93.0
38083	Sheridan, ND	1,965	0	0	0	0	0.0	0.0	0.0	0.0	0.0
38085	Sioux, ND	0	0	0	0	0	*	*	*	*	0.0
38087	Slope, ND	854	0	0	0	0	0.0	0.0	0.0	0.0	0.0
38089	Stark, ND	6,465	0	3	1	7	0.0	46.4	15.5	108.3	26.0
38091	Steele, ND	0	0	0	0	0	*	*	*	*	0.0
38093	Stutsman, ND	21,854	0	7	6	1	0.0	32.0	27.5	4.6	64.2
38095	Towner, ND	3,260	0	0	0	3	0.0	0.0	0.0	92.0	0.0
38097	Traill, ND	7,114	0	0	1	1	0.0	0.0	14.1	14.1	0.0
38099	Walsh, ND	12,992	0	0	0	7	0.0	0.0	0.0	53.9	0.0
38101	Ward, ND	58,455	2	15	7	22	3.4	25.7	12.0	37.6	49.9
38103	Wells, ND	4,760	0	1	0	0	0.0	21.0	0.0	0.0	36.7
38105	Williams, ND	20,635	0	7	2	8	0.0	33.9	9.7	38.8	67.3
46	**SOUTH DAKOTA**	588,007	**6**	**248**	**132**	**763**	**1**	**42**	**22**	**130**	**67**
46003	Aurora, SD	3,061	0	0	0	0	0.0	0.0	0.0	0.0	0.0
46005	Beadle, SD	5,696	0	0	0	0	0.0	0.0	0.0	0.0	0.0
46007	Bennett, SD	3,348	0	0	0	3	0.0	0.0	0.0	89.6	0.0
46009	Bon Homme, SD	7,073	0	0	0	0	0.0	0.0	0.0	0.0	0.0
46011	Brookings, SD	26,769	0	2	2	4	0.0	7.5	7.5	14.9	15.5
46013	Brown, SD	36,333	0	17	1	39	0.0	46.8	2.8	107.3	91.4
46015	Brule, SD	0	0	0	0	0	*	*	*	*	0.0
46017	Buffalo, SD	0	0	0	0	0	*	*	*	*	0.0
46019	Butte, SD	9,068	0	1	1	9	0.0	11.0	11.0	99.3	22.1
46021	Campbell, SD	0	0	0	0	0	*	*	*	*	0.0
46023	Charles Mix, SD	9,487	1	1	0	1	10.5	10.5	0.0	10.5	20.9
46025	Clark, SD	0	0	0	0	0	*	*	*	*	0.0
46027	Clay, SD	13,693	0	10	2	11	0.0	73.0	14.6	80.3	143.2
46029	Codington, SD	19,572	0	6	3	18	0.0	30.7	15.3	92.0	46.7
46031	Corson, SD	4,300	0	0	0	2	0.0	0.0	0.0	46.5	0.0
46033	Custer, SD	6,716	0	0	0	0	0.0	0.0	0.0	0.0	0.0
46035	Davison, SD	17,984	0	2	1	13	0.0	11.1	5.6	72.3	21.6
46037	Day, SD	6,839	0	1	0	9	0.0	14.6	0.0	131.6	30.1
46039	Deuel, SD	4,563	0	0	0	4	0.0	0.0	0.0	87.7	0.0
46041	Dewey, SD	519	0	0	0	3	0.0	0.0	0.0	578.0	0.0
46043	Douglas, SD	3,640	0	0	0	0	0.0	0.0	0.0	0.0	0.0
46045	Edmunds, SD	4,335	0	0	0	1	0.0	0.0	0.0	23.1	0.0
46047	Fall River, SD	4,252	0	4	0	3	0.0	94.1	0.0	70.6	116.0
46049	Faulk, SD	2,608	0	0	0	1	0.0	0.0	0.0	38.3	0.0
46051	Grant, SD	4,595	0	0	0	1	0.0	0.0	0.0	21.8	0.0
46053	Gregory, SD	733	0	0	0	0	0.0	0.0	0.0	0.0	0.0

FIPS Code	County Name	Population^	1996 VIOLENCE								
			INCIDENCE				RATE PER 100,000**				
			Murder	Rape	Robbery	Assault	Murder	Rape	Robbery	Assault	Rape(f)
46055	Haakon, SD	0	0	0	0	0	*	*	*	*	0.0
46057	Hamlin, SD	0	0	0	0	0	*	*	*	*	0.0
46059	Hand, SD	4,271	0	0	0	1	0.0	0.0	0.0	23.4	0.0
46061	Hanson, SD	0	0	0	0	0	*	*	*	*	0.0
46063	Harding, SD	1,564	0	0	0	0	0.0	0.0	0.0	0.0	0.0
46065	Hughes, SD	15,791	0	7	2	22	0.0	44.3	12.7	139.3	86.4
46067	Hutchinson, SD	1,623	0	0	0	0	0.0	0.0	0.0	0.0	0.0
46069	Hyde, SD	1,684	0	0	0	1	0.0	0.0	0.0	59.4	0.0
46071	Jackson, SD	0	0	0	0	0	*	*	*	*	0.0
46073	Jerauld, SD	2,430	0	1	0	2	0.0	41.2	0.0	82.3	86.1
46075	Jones, SD	0	0	0	0	0	*	*	*	*	0.0
46077	Kingsbury, SD	5,854	0	0	0	1	0.0	0.0	0.0	17.1	0.0
46079	Lake, SD	10,880	0	0	0	6	0.0	0.0	0.0	55.1	0.0
46081	Lawrence, SD	22,463	0	14	3	19	0.0	62.3	13.4	84.6	123.7
46083	Lincoln, SD	3,722	0	1	0	3	0.0	26.9	0.0	80.6	10.9
46085	Lyman, SD	3,796	0	0	0	0	0.0	0.0	0.0	0.0	0.0
46087	Mc Cook, SD	4,602	0	0	0	0	0.0	0.0	0.0	0.0	0.0
46089	Mc Pherson, SD	1,103	0	0	0	0	0.0	0.0	0.0	0.0	0.0
46091	Marshall, SD	4,842	0	1	0	5	0.0	20.7	0.0	103.3	42.5
46093	Meade, SD	23,292	0	4	1	12	0.0	17.2	4.3	51.5	36.5
46095	Mellette, SD	0	0	0	0	0	*	*	*	*	0.0
46097	Miner, SD	3,112	1	1	0	1	32.1	32.1	0.0	32.1	66.7
46099	Minnehaha, SD	132,292	1	102	66	350	0.8	77.1	49.9	264.6	142.5
46101	Moody, SD	0	0	0	0	0	*	*	*	*	0.0
46103	Pennington, SD	87,902	1	68	44	177	1.1	77.4	50.1	201.4	155.0
46105	Perkins, SD	3,823	0	0	0	0	0.0	0.0	0.0	0.0	0.0
46107	Potter, SD	3,124	0	0	0	0	0.0	0.0	0.0	0.0	0.0
46109	Roberts, SD	2,214	1	1	0	8	45.2	45.2	0.0	361.3	20.4
46111	Sanborn, SD	2,810	0	0	0	2	0.0	0.0	0.0	71.2	0.0
46113	Shannon, SD	0	0	0	0	0	*	*	*	*	0.0
46115	Spink, SD	7,986	0	2	0	1	0.0	25.0	0.0	12.5	50.5
46117	Stanley, SD	653	1	0	1	3	153.1	0.0	153.1	459.4	0.0
46119	Sully, SD	1,581	0	0	0	1	0.0	0.0	0.0	63.3	0.0
46121	Todd, SD	9,076	0	0	0	0	0.0	0.0	0.0	0.0	0.0
46123	Tripp, SD	3,365	0	0	0	6	0.0	0.0	0.0	178.3	0.0
46125	Turner, SD	0	0	0	0	0	*	*	*	*	0.0
46127	Union, SD	2,648	0	0	0	4	0.0	0.0	0.0	151.1	0.0
46129	Walworth, SD	3,659	0	1	0	7	0.0	27.3	0.0	191.3	33.2
46135	Yankton, SD	20,661	0	1	5	9	0.0	4.8	24.2	43.6	9.4
46137	Ziebach, SD	0	0	0	0	0	*	*	*	*	0.0
49	**UTAH**	**1,955,037**	**62**	**818**	**1,322**	**4,054**	**3**	**42**	**68**	**207**	**81**
49001	Beaver, UT	2,477	0	1	2	12	0.0	40.4	80.7	484.5	35.2
49003	Box Elder, UT	38,000	1	21	15	62	2.6	55.3	39.5	163.2	107.3
49005	Cache, UT	79,311	0	14	3	30	0.0	17.7	3.8	37.8	33.6
49007	Carbon, UT	19,090	0	12	3	31	0.0	62.9	15.7	162.4	115.0
49009	Daggett, UT	772	0	0	0	1	0.0	0.0	0.0	129.5	0.0
49011	Davis, UT	221,108	4	59	28	227	1.8	26.7	12.7	102.7	55.3
49013	Duchesne, UT	14,296	0	16	0	33	0.0	111.9	0.0	230.8	235.7
49015	Emery, UT	11,110	0	0	1	17	0.0	0.0	9.0	153.0	0.0
49017	Garfield, UT	0	0	0	0	0	*	*	*	*	0.0
49019	Grand, UT	8,045	0	1	3	20	0.0	12.4	37.3	248.6	25.0
49021	Iron, UT	25,599	0	10	7	73	0.0	39.1	27.3	285.2	74.1
49023	Juab, UT	6,660	0	2	1	19	0.0	30.0	15.0	285.3	58.3
49025	Kane, UT	3,437	0	3	0	8	0.0	87.3	0.0	232.8	105.7
49027	Millard, UT	12,486	1	3	1	26	8.0	24.0	8.0	208.2	50.4
49029	Morgan, UT	6,622	0	1	0	6	0.0	15.1	0.0	90.6	30.3
49031	Piute, UT	1,457	0	0	0	3	0.0	0.0	0.0	205.9	0.0
49033	Rich, UT	1,864	0	0	0	7	0.0	0.0	0.0	375.5	0.0
49035	Salt Lake, UT	824,758	39	422	1,060	2,455	4.7	51.2	128.5	297.7	101.5
49037	San Juan, UT	14,311	0	5	0	15	0.0	34.9	0.0	104.8	75.3
49039	Sanpete, UT	18,568	2	1	0	31	10.8	5.4	0.0	167.0	10.3
49041	Sevier, UT	17,600	0	11	7	40	0.0	62.5	39.8	227.3	127.4
49043	Summit, UT	21,022	0	5	2	23	0.0	23.8	9.5	109.4	42.8
49045	Tooele, UT	30,166	0	8	6	66	0.0	26.5	19.9	218.8	55.0
49047	Uintah, UT	25,650	1	14	4	36	3.9	54.6	15.6	140.4	113.6
49049	Utah, UT	305,042	4	110	51	318	1.3	36.1	16.7	104.2	68.0
49051	Wasatch, UT	11,952	0	1	1	16	0.0	8.4	8.4	133.9	16.7
49053	Washington, UT	51,827	3	19	8	85	5.8	36.7	15.4	164.0	51.3

FIPS Code	County Name	Population^	1996 VIOLENCE								
			INCIDENCE				RATE PER 100,000**				
			Murder	Rape	Robbery	Assault	Murder	Rape	Robbery	Assault	Rape(f)
49055	Wayne, UT	2,353	0	0	1	12	0.0	0.0	42.5	510.0	0.0
49057	Weber, UT	179,454	7	79	118	382	3.9	44.0	65.8	212.9	89.2
56	**WYOMING**	**479,236**	**18**	**142**	**94**	**958**	**4**	**30**	**20**	**200**	**59**
56001	Albany, WY	31,405	2	5	3	92	6.4	15.9	9.6	292.9	33.9
56003	Big Horn, WY	10,954	1	2	0	21	9.1	18.3	0.0	191.7	35.7
56005	Campbell, WY	31,213	1	3	5	128	3.2	9.6	16.0	410.1	19.2
56007	Carbon, WY	15,449	3	5	2	33	19.4	32.4	12.9	213.6	67.7
56009	Converse, WY	11,824	0	3	0	26	0.0	25.4	0.0	219.9	49.5
56011	Crook, WY	5,667	1	2	0	18	17.6	35.3	0.0	317.6	70.1
56013	Fremont, WY	35,495	2	15	6	46	5.6	42.3	16.9	129.6	83.1
56015	Goshen, WY	12,733	0	4	0	30	0.0	31.4	0.0	235.6	61.2
56017	Hot Springs, WY	4,747	0	2	0	11	0.0	42.1	0.0	231.7	85.7
56019	Johnson, WY	6,569	0	0	0	10	0.0	0.0	0.0	152.2	0.0
56021	Laramie, WY	78,932	1	39	28	85	1.3	49.4	35.5	107.7	98.5
56023	Lincoln, WY	13,276	0	0	1	29	0.0	0.0	7.5	218.4	0.0
56025	Natrona, WY	64,554	1	20	24	117	1.5	31.0	37.2	181.2	61.7
56027	Niobrara, WY	2,578	0	0	0	3	0.0	0.0	0.0	116.4	0.0
56029	Park, WY	25,185	3	7	1	12	11.9	27.8	4.0	47.6	54.6
56031	Platte, WY	8,396	0	1	0	26	0.0	11.9	0.0	309.7	23.6
56033	Sheridan, WY	25,089	0	7	4	36	0.0	27.9	15.9	143.5	54.7
56035	Sublette, WY	5,431	1	0	1	15	18.4	0.0	18.4	276.2	0.0
56037	Sweetwater, WY	40,812	2	11	10	123	4.9	27.0	24.5	301.4	55.5
56039	Teton, WY	13,287	0	2	7	23	0.0	15.1	52.7	173.1	30.9
56041	Uinta, WY	20,336	0	8	2	39	0.0	39.3	9.8	191.8	80.8
56043	Washakie, WY	8,678	0	0	0	31	0.0	0.0	0.0	357.2	0.0
56045	Weston, WY	6,626	0	6	0	4	0.0	90.6	0.0	60.4	183.6
	Region VIII	**8,092,291**	**301**	**3,249**	**5,463**	**16,364**	**3.7**	**40.1**	**67.5**	**202.2**	**75.5**
	Total US	**229,833,627**	**17,915**	**81,759**	**501,987**	**908,280**	**7.8**	**35.6**	**218.4**	**395.2**	**60.4**

^ - Population provided by FBI

* - Indicates zero population

** - Rates based on total population data (male+female) provided by the FBI, except for Rape(f) which is based on female population from Census data.

FIPS Code	County Name	1997 NON-FEDERAL, ACTIVE MD RESOURCES							
		Total MDs	Patient Care	Primary Care	Gen/Fam Practice	Pediatrics	OB/GYN	Specialty Care	Psychiatry
08	COLORADO	9,099	8,326	3,862	1,407	631	511	4,464	510
08001	Adams, CO	507	472	252	83	44	41	220	18
08003	Alamosa, CO	34	32	18	5	3	3	14	1
08005	Arapahoe, CO	978	886	373	96	71	66	513	42
08007	Archuleta, CO	12	12	5	4	0	1	7	2
08009	Baca, CO	4	4	4	3	0	0	0	0
08011	Bent, CO	2	2	1	1	0	0	1	1
08013	Boulder, CO	681	640	315	146	42	36	325	59
08015	Chaffee, CO	18	18	10	9	0	0	8	0
08017	Cheyenne, CO	0	0	0	0	0	0	0	0
08019	Clear Creek, CO	4	3	2	2	0	0	1	0
08021	Conejos, CO	5	5	4	4	0	0	1	0
08023	Costilla, CO	1	1	1	1	0	0	0	0
08025	Crowley, CO	1	1	1	1	0	0	0	0
08027	Custer, CO	2	2	2	2	0	0	0	0
08029	Delta, CO	26	24	14	9	0	1	10	0
08031	Denver, CO	3235	2847	1290	246	271	183	1557	221
08033	Dolores, CO	0	0	0	0	0	0	0	0
08035	Douglas, CO	136	126	64	25	15	8	62	4
08037	Eagle, CO	73	69	30	12	6	5	39	1
08039	Elbert, CO	7	7	5	3	1	0	2	1
08041	El Paso, CO	745	698	257	81	43	46	441	45
08043	Fremont, CO	46	45	27	19	3	2	18	3
08045	Garfield, CO	68	67	31	16	3	4	36	2
08047	Gilpin, CO	2	2	1	1	0	0	1	0
08049	Grand, CO	10	7	5	4	0	0	2	1
08051	Gunnison, CO	13	13	5	5	0	0	8	0
08053	Hinsdale, CO	1	1	1	1	0	0	0	0
08055	Huerfano, CO	7	7	5	4	0	0	2	0
08057	Jackson, CO	0	0	0	0	0	0	0	0
08059	Jefferson, CO	724	673	325	126	59	41	348	31
08061	Kiowa, CO	1	1	1	0	0	0	0	0
08063	Kit Carson, CO	3	2	2	2	0	0	0	0
08065	Lake, CO	2	2	2	2	0	0	0	0
08067	La Plata, CO	120	113	45	25	6	6	68	7
08069	Larimer, CO	436	411	209	124	23	25	202	22
08071	Las Animas, CO	13	13	9	6	1	0	4	0
08073	Lincoln, CO	2	2	2	2	0	0	0	0
08075	Logan, CO	24	24	11	7	0	1	13	0
08077	Mesa, CO	232	222	106	70	11	6	116	6
08079	Mineral, CO	0	0	0	0	0	0	0	0
08081	Moffat, CO	10	9	7	6	0	0	2	0
08083	Montezuma, CO	36	35	17	13	0	3	18	2
08085	Montrose, CO	44	43	13	3	3	2	30	3
08087	Morgan, CO	18	18	17	13	0	1	1	0
08089	Otero, CO	34	32	19	13	0	1	13	1
08091	Ouray, CO	8	8	4	3	0	0	4	1
08093	Park, CO	6	5	4	3	0	0	1	0
08095	Phillips, CO	4	4	3	3	0	0	1	0
08097	Pitkin, CO	58	55	14	1	3	4	41	4
08099	Prowers, CO	9	9	7	5	1	0	2	0
08101	Pueblo, CO	314	301	139	70	12	10	162	26
08103	Rio Blanco, CO	4	4	4	4	0	0	0	0
08105	Rio Grande, CO	12	12	11	10	0	0	1	0
08107	Routt, CO	41	38	11	4	0	2	27	1
08109	Saguache, CO	0	0	0	0	0	0	0	0
08111	San Juan, CO	0	0	0	0	0	0	0	0
08113	San Miguel, CO	10	10	5	5	0	0	5	1
08115	Sedgwick, CO	1	1	1	1	0	0	0	0
08117	Summit, CO	38	33	20	16	0	2	13	0
08119	Teller, CO	15	12	3	1	0	0	9	0
08121	Washington, CO	0	0	0	0	0	0	0	0
08123	Weld, CO	253	234	120	78	10	11	114	4
08125	Yuma, CO	9	9	8	8	0	0	1	0
30	MONTANA	1,655	1,563	687	324	78	87	876	57
30001	Beaverhead, MT	16	16	7	5	0	0	9	0
30003	Big Horn, MT	15	14	14	11	1	1	0	0
30005	Blaine, MT	6	6	6	4	0	0	0	0
30007	Broadwater, MT	6	6	4	4	0	0	2	0
30009	Carbon, MT	5	5	3	3	0	0	2	1
30011	Carter, MT	0	0	0	0	0	0	0	0
30013	Cascade, MT	195	186	61	16	13	10	125	7
30015	Chouteau, MT	2	2	2	2	0	0	0	0

FIPS Code	County Name	1997 NON-FEDERAL, ACTIVE MD RESOURCES							
		Total MDs	Patient Care	Primary Care	Gen/Fam Practice	Pediatrics	OB/GYN	Specialty Care	Psychiatry
30017	Custer, MT	28	28	15	4	2	2	13	0
30019	Daniels, MT	3	3	3	2	0	0	0	0
30021	Dawson, MT	9	9	7	5	1	1	2	0
30023	Deer Lodge, MT	16	14	5	3	0	1	9	3
30025	Fallon, MT	0	0	0	0	0	0	0	0
30027	Fergus, MT	14	14	8	5	0	0	6	0
30029	Flathead, MT	151	141	63	32	7	8	78	6
30031	Gallatin, MT	120	112	54	29	4	10	58	4
30033	Garfield, MT	0	0	0	0	0	0	0	0
30035	Glacier, MT	11	10	8	4	1	2	2	0
30037	Golden Valley, MT	0	0	0	0	0	0	0	0
30039	Granite, MT	0	0	0	0	0	0	0	0
30041	Hill, MT	19	18	8	4	1	1	10	1
30043	Jefferson, MT	13	11	6	3	1	0	5	0
30045	Judith Basin, MT	0	0	0	0	0	0	0	0
30047	Lake, MT	36	30	21	19	1	1	9	0
30049	Lewis And Clark, MT	115	106	49	20	7	7	57	7
30051	Liberty, MT	3	3	2	2	0	0	1	0
30053	Lincoln, MT	17	15	9	6	1	0	6	0
30055	Mccone, MT	1	1	1	1	0	0	0	0
30057	Madison, MT	7	7	6	6	0	0	1	0
30059	Meagher, MT	4	4	4	2	1	0	0	0
30061	Mineral, MT	4	3	1	1	0	0	2	0
30063	Missoula, MT	273	259	91	29	11	15	168	8
30065	Musselshell, MT	2	2	2	1	0	0	0	0
30067	Park, MT	18	16	11	3	1	3	5	1
30069	Petroleum, MT	0	0	0	0	0	0	0	0
30071	Phillips, MT	2	2	2	0	0	0	0	0
30073	Pondera, MT	5	5	3	3	0	0	2	0
30075	Powder River, MT	0	0	0	0	0	0	0	0
30077	Powell, MT	4	4	4	4	0	0	0	0
30079	Prairie, MT	0	0	0	0	0	0	0	0
30081	Ravalli, MT	38	32	18	9	2	2	14	0
30083	Richland, MT	13	13	7	3	0	1	6	0
30085	Roosevelt, MT	10	9	8	5	0	0	1	0
30087	Rosebud, MT	3	3	3	3	0	0	0	0
30089	Sanders, MT	9	9	6	6	0	0	3	0
30091	Sheridan, MT	3	3	3	3	0	0	0	0
30093	Silver Bow, MT	73	72	28	10	5	5	44	1
30095	Stillwater, MT	4	4	4	4	0	0	0	0
30097	Sweet Grass, MT	4	4	1	1	0	0	3	0
30099	Teton, MT	2	2	1	1	0	0	1	0
30101	Toole, MT	5	5	5	5	0	0	0	0
30103	Treasure, MT	0	0	0	0	0	0	0	0
30105	Valley, MT	11	11	4	2	0	1	7	0
30107	Wheatland, MT	2	2	2	2	0	0	0	0
30109	Wibaux, MT	0	0	0	0	0	0	0	0
30111	Yellowstone, MT	358	342	117	37	18	16	225	18
30113	Yellowstone Park, MT	0	0	0	0	0	0	0	0
38	NORTH DAKOTA	1,401	1,306	638	327	63	53	668	70
38001	Adams, ND	12	11	9	5	1	0	2	0
38003	Barnes, ND	10	9	7	6	0	0	2	0
38005	Benson, ND	1	1	1	0	0	1	0	0
38007	Billings, ND	0	0	0	0	0	0	0	0
38009	Bottineau, ND	4	4	3	3	0	0	1	0
38011	Bowman, ND	1	1	1	1	0	0	0	0
38013	Burke, ND	1	1	0	0	0	0	1	0
38015	Burleigh, ND	259	245	94	37	14	11	151	7
38017	Cass, ND	458	419	180	61	25	14	239	28
38019	Cavalier, ND	3	3	2	1	0	0	1	0
38021	Dickey, ND	6	4	3	0	0	0	1	1
38023	Divide, ND	1	1	1	1	0	0	0	0
38025	Dunn, ND	0	0	0	0	0	0	0	0
38027	Eddy, ND	1	1	1	0	0	0	0	0
38029	Emmons, ND	2	2	2	1	0	0	0	0
38031	Foster, ND	5	5	4	4	0	0	1	0
38033	Golden Valley, ND	1	1	1	1	0	0	0	0
38035	Grand Forks, ND	222	206	97	56	6	10	109	9
38037	Grant, ND	2	2	2	2	0	0	0	0
38039	Griggs, ND	2	2	2	2	0	0	0	0
38041	Hettinger, ND	0	0	0	0	0	0	0	0
38043	Kidder, ND	0	0	0	0	0	0	0	0
38045	La Moure, ND	0	0	0	0	0	0	0	0

FIPS Code	County Name	1997 NON-FEDERAL, ACTIVE MD RESOURCES							
		Total MDs	Patient Care	Primary Care	Gen/Fam Practice	Pediatrics	OB/GYN	Specialty Care	Psychiatry
38047	Logan, ND	0	0	0	0	0	0	0	0
38049	Mchenry, ND	1	1	1	1	0	0	0	0
38051	Mcintosh, ND	2	2	1	1	0	0	1	0
38053	Mckenzie, ND	2	2	1	1	0	0	1	0
38055	Mclean, ND	5	4	3	3	0	0	1	0
38057	Mercer, ND	4	4	3	3	0	0	1	0
38059	Morton, ND	11	11	8	8	0	0	3	0
38061	Mountrail, ND	5	5	4	3	1	0	1	0
38063	Nelson, ND	3	3	3	1	0	0	0	0
38065	Oliver, ND	0	0	0	0	0	0	0	0
38067	Pembina, ND	5	5	3	3	0	0	2	1
38069	Pierce, ND	12	11	11	5	0	0	0	0
38071	Ramsey, ND	21	20	14	9	0	0	6	2
38073	Ransom, ND	7	6	4	3	0	0	2	0
38075	Renville, ND	2	2	2	2	0	0	0	0
38077	Richland, ND	18	17	11	7	2	1	6	0
38079	Rolette, ND	12	12	9	8	0	0	3	0
38081	Sargent, ND	0	0	0	0	0	0	0	0
38083	Sheridan, ND	0	0	0	0	0	0	0	0
38085	Sioux, ND	2	1	1	1	0	0	0	0
38087	Slope, ND	0	0	0	0	0	0	0	0
38089	Stark, ND	36	35	22	11	1	3	13	1
38091	Steele, ND	0	0	0	0	0	0	0	0
38093	Stutsman, ND	39	38	15	11	1	1	23	15
38095	Towner, ND	3	3	3	3	0	0	0	0
38097	Traill, ND	7	7	7	7	0	0	0	0
38099	Walsh, ND	16	16	13	11	0	1	3	0
38101	Ward, ND	154	140	67	31	12	8	73	4
38103	Wells, ND	4	4	3	2	0	0	1	0
38105	Williams, ND	39	39	19	11	0	3	20	2
46	SOUTH DAKOTA	1,308	1,247	634	331	62	62	613	51
46003	Aurora, SD	0	0	0	0	0	0	0	0
46005	Beadle, SD	28	28	16	9	2	1	12	1
46007	Bennett, SD	2	2	1	1	0	0	1	0
46009	Bon Homme, SD	5	5	3	3	0	0	2	0
46011	Brookings, SD	19	18	13	7	0	1	5	0
46013	Brown, SD	68	67	29	12	3	4	38	3
46015	Brule, SD	8	8	5	4	0	0	3	0
46017	Buffalo, SD	0	0	0	0	0	0	0	0
46019	Butte, SD	3	3	3	2	0	0	0	0
46021	Campbell, SD	0	0	0	0	0	0	0	0
46023	Charles Mix, SD	6	6	6	5	0	0	0	0
46025	Clark, SD	0	0	0	0	0	0	0	0
46027	Clay, SD	13	12	11	5	2	1	1	0
46029	Codington, SD	54	52	27	15	3	3	25	2
46031	Corson, SD	0	0	0	0	0	0	0	0
46033	Custer, SD	7	7	5	4	0	1	2	0
46035	Davison, SD	37	37	19	11	1	3	18	0
46037	Day, SD	2	2	2	2	0	0	0	0
46039	Deuel, SD	2	1	1	0	0	0	0	0
46041	Dewey, SD	3	3	3	3	0	0	0	0
46043	Douglas, SD	2	2	2	2	0	0	0	0
46045	Edmunds, SD	4	3	1	1	0	0	2	0
46047	Fall River, SD	13	13	8	7	0	0	5	1
46049	Faulk, SD	1	1	1	0	0	0	0	0
46051	Grant, SD	5	5	3	3	0	0	2	0
46053	Gregory, SD	4	4	4	4	0	0	0	0
46055	Haakon, SD	3	3	2	2	0	0	1	0
46057	Hamlin, SD	0	0	0	0	0	0	0	0
46059	Hand, SD	4	3	3	3	0	0	0	0
46061	Hanson, SD	0	0	0	0	0	0	0	0
46063	Harding, SD	0	0	0	0	0	0	0	0
46065	Hughes, SD	20	20	14	7	1	2	6	0
46067	Hutchinson, SD	7	7	6	5	0	0	1	0
46069	Hyde, SD	0	0	0	0	0	0	0	0
46071	Jackson, SD	1	1	1	1	0	0	0	0
46073	Jerauld, SD	2	2	2	2	0	0	0	0
46075	Jones, SD	0	0	0	0	0	0	0	0
46077	Kingsbury, SD	4	4	4	4	0	0	0	0
46079	Lake, SD	6	6	5	4	0	0	1	0
46081	Lawrence, SD	32	32	21	16	1	2	11	0
46083	Lincoln, SD	6	6	5	5	0	0	1	0
46085	Lyman, SD	2	2	2	1	1	0	0	0

FIPS Code	County Name	1997 NON-FEDERAL, ACTIVE MD RESOURCES							
		Total MDs	Patient Care	Primary Care	Gen/Fam Practice	Pediatrics	OB/GYN	Specialty Care	Psychiatry
46087	Mc Cook, SD	3	3	3	3	0	0	0	0
46089	Mc Pherson, SD	2	2	2	2	0	0	0	0
46091	Marshall, SD	2	2	2	1	0	0	0	0
46093	Meade, SD	20	19	13	8	1	0	6	0
46095	Mellette, SD	0	0	0	0	0	0	0	0
46097	Miner, SD	1	0	0	0	0	0	0	0
46099	Minnehaha, SD	534	496	231	98	26	26	265	26
46101	Moody, SD	0	0	0	0	0	0	0	0
46103	Pennington, SD	238	228	86	38	12	9	142	8
46105	Perkins, SD	0	0	0	0	0	0	0	0
46107	Potter, SD	3	3	1	1	0	0	2	0
46109	Roberts, SD	5	5	4	2	0	0	1	0
46111	Sanborn, SD	0	0	0	0	0	0	0	0
46113	Shannon, SD	4	4	4	1	2	1	0	0
46115	Spink, SD	5	5	4	4	0	0	1	0
46117	Stanley, SD	1	1	1	1	0	0	0	0
46119	Sully, SD	0	0	0	0	0	0	0	0
46121	Todd, SD	11	11	9	1	2	1	2	0
46123	Tripp, SD	5	5	3	3	0	0	2	0
46125	Turner, SD	7	6	2	2	0	0	4	1
46127	Union, SD	8	8	3	1	0	1	5	0
46129	Walworth, SD	4	4	3	3	0	0	1	0
46135	Yankton, SD	82	80	35	12	5	6	45	9
46137	Ziebach, SD	0	0	0	0	0	0	0	0
49	UTAH	4,060	3,697	1,645	550	330	245	2,052	142
49001	Beaver, UT	5	4	3	2	1	0	1	0
49003	Box Elder, UT	28	26	21	13	2	2	5	0
49005	Cache, UT	121	118	48	17	7	13	70	5
49007	Carbon, UT	25	25	12	5	1	2	13	0
49009	Daggett, UT	0	0	0	0	0	0	0	0
49011	Davis, UT	248	239	112	47	21	21	127	10
49013	Duchesne, UT	13	13	9	3	1	2	4	0
49015	Emery, UT	2	2	2	1	1	0	0	0
49017	Garfield, UT	2	2	2	2	0	0	0	0
49019	Grand, UT	6	5	3	2	1	0	2	1
49021	Iron, UT	23	21	12	7	2	2	9	0
49023	Juab, UT	6	6	6	5	0	0	0	0
49025	Kane, UT	4	4	4	3	1	0	0	0
49027	Millard, UT	5	4	4	4	0	0	0	0
49029	Morgan, UT	6	6	3	2	1	0	3	1
49031	Piute, UT	0	0	0	0	0	0	0	0
49033	Rich, UT	0	0	0	0	0	0	0	0
49035	Salt Lake, UT	2572	2275	947	217	225	129	1328	96
49037	San Juan, UT	3	3	2	2	0	0	1	0
49039	Sanpete, UT	19	19	16	15	0	0	3	0
49041	Sevier, UT	7	7	4	4	0	0	3	0
49043	Summit, UT	84	79	33	16	7	4	46	2
49045	Tooele, UT	13	13	11	7	0	2	2	0
49047	Uintah, UT	17	17	11	7	0	2	6	0
49049	Utah, UT	408	387	187	84	29	36	200	13
49051	Wasatch, UT	16	14	8	8	0	0	6	0
49053	Washington, UT	105	98	45	23	3	7	53	4
49055	Wayne, UT	1	1	1	0	0	0	0	0
49057	Weber, UT	321	309	139	54	27	23	170	10
56	WYOMING	801	741	377	206	40	49	364	29
56001	Albany, WY	55	51	23	7	3	4	28	3
56003	Big Horn, WY	5	4	4	4	0	0	0	0
56005	Campbell, WY	47	44	24	9	3	5	20	2
56007	Carbon, WY	19	18	11	8	1	1	7	0
56009	Converse, WY	5	5	4	3	0	0	1	0
56011	Crook, WY	2	2	2	2	0	0	0	0
56013	Fremont, WY	70	65	32	14	3	7	33	3
56015	Goshen, WY	9	9	6	6	0	0	3	0
56017	Hot Springs, WY	6	6	4	4	0	0	2	0
56019	Johnson, WY	7	7	5	5	0	0	2	0
56021	Laramie, WY	179	164	67	37	8	9	97	5
56023	Lincoln, WY	11	11	9	9	0	0	2	0
56025	Natrona, WY	149	140	76	45	6	6	64	4
56027	Niobrara, WY	1	1	0	0	0	0	1	0
56029	Park, WY	48	46	23	12	2	3	23	1
56031	Platte, WY	4	4	4	1	0	1	0	0
56033	Sheridan, WY	53	49	19	7	4	4	30	4
56035	Sublette, WY	7	5	5	4	0	1	0	0

FIPS Code	County Name	1997 NON-FEDERAL, ACTIVE MD RESOURCES							
		Total MDs	Patient Care	Primary Care	Gen/Fam Practice	Pediatrics	OB/GYN	Specialty Care	Psychiatry
56037	Sweetwater, WY	38	35	19	9	4	2	16	0
56039	Teton, WY	49	44	22	9	4	4	22	2
56041	Uinta, WY	25	20	10	3	2	2	10	5
56043	Washakie, WY	8	8	5	5	0	0	3	0
56045	Weston, WY	4	3	3	3	0	0	0	0
	Region VIII	18,324	16,880	7,843	3,145	1,204	1,007	9,037	859
	Total US	656,195	595,618	275,329	74,886	49,992	36,891	320,289	33,869

FIPS Code	County Name	1996 HOSPITAL RESOURCES								
		Number of Hospitals		Number of Beds			Hospitals Offering Services			
		Total Hospitals	Short Term Gen	Total	Short Term Gen	Obstetric Beds	Obstetric Care	Breast Cancer	Geriatric Care	Repro-ductive
08	COLORADO	85	68	11,528	9,191	750	46	47	27	11
08001	Adams, CO	5	3	592	299	35	2	2	1	1
08003	Alamosa, CO	1	1	85	85	12	1	1	0	0
08005	Arapahoe, CO	4	3	744	674	53	2	2	2	2
08007	Archuleta, CO	0	0	0	0	0	0	0	0	0
08009	Baca, CO	1	1	81	81	0	0	0	1	0
08011	Bent, CO	1	0	299	0	0	0	0	0	0
08013	Boulder, CO	4	3	449	377	68	3	3	3	1
08015	Chaffee, CO	1	1	31	31	5	1	0	0	0
08017	Cheyenne, CO	1	1	14	14	0	0	1	1	0
08019	Clear Creek, CO	0	0	0	0	0	0	0	0	0
08021	Conejos, CO	1	1	49	49	2	1	0	0	0
08023	Costilla, CO	0	0	0	0	0	0	0	0	0
08025	Crowley, CO	0	0	0	0	0	0	0	0	0
08027	Custer, CO	0	0	0	0	0	0	0	0	0
08029	Delta, CO	1	1	44	44	2	1	1	0	0
08031	Denver, CO	14	8	3404	2657	234	7	6	7	4
08033	Dolores, CO	0	0	0	0	0	0	0	0	0
08035	Douglas, CO	0	0	0	0	0	0	0	0	0
08037	Eagle, CO	1	1	49	49	0	0	1	0	0
08039	Elbert, CO	0	0	0	0	0	0	0	0	0
08041	El Paso, CO	5	4	1014	913	112	4	3	1	1
08043	Fremont, CO	1	1	218	218	0	0	0	0	0
08045	Garfield, CO	2	2	136	136	14	2	2	1	0
08047	Gilpin, CO	0	0	0	0	0	0	0	0	0
08049	Grand, CO	1	1	19	19	0	0	1	0	0
08051	Gunnison, CO	1	1	24	24	4	1	1	0	0
08053	Hinsdale, CO	0	0	0	0	0	0	0	0	0
08055	Huerfano, CO	1	1	24	24	0	0	1	1	0
08057	Jackson, CO	0	0	0	0	0	0	0	0	0
08059	Jefferson, CO	3	2	506	445	40	2	2	1	1
08061	Kiowa, CO	1	1	42	42	0	0	0	0	0
08063	Kit Carson, CO	1	1	24	24	3	1	1	0	0
08065	Lake, CO	1	1	31	31	0	0	0	0	0
08067	La Plata, CO	2	1	112	92	8	1	1	0	0
08069	Larimer, CO	4	3	449	405	37	1	2	1	0
08071	Las Animas, CO	1	1	31	31	4	1	0	0	0
08073	Lincoln, CO	1	1	56	56	4	1	1	0	0
08075	Logan, CO	1	1	36	36	3	1	1	1	0
08077	Mesa, CO	4	4	798	798	28	2	2	2	1
08079	Mineral, CO	0	0	0	0	0	0	0	0	0
08081	Moffat, CO	1	1	27	27	0	0	0	0	0
08083	Montezuma, CO	1	1	56	56	8	1	1	0	0
08085	Montrose, CO	1	1	60	60	4	1	1	1	0
08087	Morgan, CO	2	2	69	69	7	1	1	0	0
08089	Otero, CO	1	1	187	187	11	1	1	0	0
08091	Ouray, CO	0	0	0	0	0	0	0	0	0
08093	Park, CO	0	0	0	0	0	0	0	0	0
08095	Phillips, CO	2	2	66	66	2	1	1	0	0
08097	Pitkin, CO	1	1	41	41	0	0	0	0	0
08099	Prowers, CO	1	1	40	40	7	1	1	0	0
08101	Pueblo, CO	3	2	1125	520	20	1	1	1	0
08103	Rio Blanco, CO	2	1	66	41	0	0	1	0	0
08105	Rio Grande, CO	0	0	0	0	0	0	0	0	0
08107	Routt, CO	1	1	74	74	5	1	1	1	0
08109	Saguache, CO	0	0	0	0	0	0	0	0	0
08111	San Juan, CO	0	0	0	0	0	0	0	0	0
08113	San Miguel, CO	0	0	0	0	0	0	0	0	0
08115	Sedgwick, CO	1	1	58	58	2	1	1	0	0
08117	Summit, CO	0	0	0	0	0	0	0	0	0
08119	Teller, CO	0	0	0	0	0	0	0	0	0
08121	Washington, CO	0	0	0	0	0	0	0	0	0
08123	Weld, CO	1	1	262	262	15	1	1	1	0
08125	Yuma, CO	2	2	36	36	1	1	1	0	0
30	MONTANA	61	59	4,539	4,441	205	31	32	14	3
30001	Beaverhead, MT	1	1	31	31	2	1	1	0	1
30003	Big Horn, MT	2	2	77	77	11	2	2	0	1
30005	Blaine, MT	1	1	12	12	0	0	0	0	0
30007	Broadwater, MT	1	1	44	44	0	0	0	0	0
30009	Carbon, MT	1	1	52	52	1	1	1	1	0
30011	Carter, MT	1	1	31	31	0	0	0	0	0
30013	Cascade, MT	1	1	366	366	16	1	1	1	0
30015	Chouteau, MT	2	2	80	80	0	0	0	0	0

FIPS Code	County Name	1996 HOSPITAL RESOURCES								
		Number of Hospitals		Number of Beds			Hospitals Offering Services			
		Total Hospitals	Short Term Gen	Total	Short Term Gen	Obstetric Beds	Obstetric Care	Breast Cancer	Geriatric Care	Reproductive
30017	Custer, MT	2	2	201	201	13	1	1	0	0
30019	Daniels, MT	1	1	54	54	0	0	0	0	0
30021	Dawson, MT	1	1	104	104	6	1	1	1	0
30023	Deer Lodge, MT	2	2	133	133	0	1	0	0	0
30025	Fallon, MT	1	1	52	52	1	1	1	0	0
30027	Fergus, MT	1	1	124	124	3	1	1	0	0
30029	Flathead, MT	2	2	341	341	13	2	2	1	0
30031	Gallatin, MT	1	1	70	70	16	1	1	0	0
30033	Garfield, MT	0	0	0	0	0	0	0	0	0
30035	Glacier, MT	2	2	84	84	2	1	0	0	0
30037	Golden Valley, MT	0	0	0	0	0	0	0	0	0
30039	Granite, MT	1	1	31	31	0	0	0	0	0
30041	Hill, MT	1	1	154	154	10	1	1	1	0
30043	Jefferson, MT	0	0	0	0	0	0	0	0	0
30045	Judith Basin, MT	0	0	0	0	0	0	0	0	0
30047	Lake, MT	2	2	121	121	2	2	2	0	0
30049	Lewis And Clark, MT	3	2	234	168	9	1	2	1	0
30051	Liberty, MT	1	1	66	66	2	1	1	0	0
30053	Lincoln, MT	1	1	27	27	24	1	1	0	0
30055	Mccone, MT	1	1	40	40	0	0	0	0	0
30057	Madison, MT	2	2	23	23	0	0	0	0	0
30059	Meagher, MT	1	1	37	37	0	0	0	1	0
30061	Mineral, MT	1	1	30	30	0	0	1	1	0
30063	Missoula, MT	2	2	306	306	21	1	1	0	0
30065	Musselshell, MT	1	1	54	54	0	0	0	0	0
30067	Park, MT	1	1	35	35	5	1	1	0	0
30069	Petroleum, MT	0	0	0	0	0	0	0	0	0
30071	Phillips, MT	1	1	15	15	0	0	0	0	0
30073	Pondera, MT	1	1	79	79	4	1	1	0	0
30075	Powder River, MT	0	0	0	0	0	0	0	0	0
30077	Powell, MT	1	1	35	35	2	1	0	0	0
30079	Prairie, MT	1	1	21	21	0	0	0	1	0
30081	Ravalli, MT	1	1	48	48	0	1	1	0	0
30083	Richland, MT	1	1	42	42	4	1	1	0	0
30085	Roosevelt, MT	2	2	196	196	4	1	0	1	0
30087	Rosebud, MT	1	1	75	75	0	0	0	0	0
30089	Sanders, MT	1	1	44	44	0	0	1	0	0
30091	Sheridan, MT	1	1	97	97	2	1	1	0	0
30093	Silver Bow, MT	2	1	135	103	5	1	0	1	0
30095	Stillwater, MT	1	1	23	23	0	0	0	0	0
30097	Sweet Grass, MT	0	0	0	0	0	0	0	0	0
30099	Teton, MT	1	1	46	46	0	0	1	0	0
30101	Toole, MT	1	1	88	88	2	1	1	0	0
30103	Treasure, MT	0	0	0	0	0	0	0	0	0
30105	Valley, MT	1	1	36	36	0	0	1	1	0
30107	Wheatland, MT	1	1	56	56	0	0	0	0	0
30109	Wibaux, MT	0	0	0	0	0	0	0	0	0
30111	Yellowstone, MT	2	2	489	489	25	1	2	2	1
30113	Yellowstone Park, MT	0	0	0	0	0	0	0	0	0
38	NORTH DAKOTA	51	48	4,802	4,454	230	28	25	16	8
38001	Adams, ND	1	1	45	45	6	1	1	0	0
38003	Barnes, ND	1	1	50	50	0	1	0	1	0
38005	Benson, ND	0	0	0	0	0	0	0	0	0
38007	Billings, ND	0	0	0	0	0	0	0	0	0
38009	Bottineau, ND	1	1	67	67	3	1	1	1	0
38011	Bowman, ND	1	1	17	17	0	0	0	0	0
38013	Burke, ND	0	0	0	0	0	0	0	0	0
38015	Burleigh, ND	2	2	500	500	38	2	2	2	2
38017	Cass, ND	3	3	667	667	54	2	3	2	2
38019	Cavalier, ND	1	1	28	28	4	1	1	0	0
38021	Dickey, ND	1	1	30	30	1	1	1	0	0
38023	Divide, ND	1	1	29	29	0	0	0	0	0
38025	Dunn, ND	0	0	0	0	0	0	0	0	0
38027	Eddy, ND	0	0	0	0	0	0	0	0	0
38029	Emmons, ND	1	1	25	25	0	0	1	0	0
38031	Foster, ND	1	1	70	70	0	0	1	1	0
38033	Golden Valley, ND	0	0	0	0	0	0	0	0	0
38035	Grand Forks, ND	3	3	430	430	23	2	0	2	1
38037	Grant, ND	1	1	50	50	0	0	0	0	0
38039	Griggs, ND	1	1	69	69	0	0	0	0	0
38041	Hettinger, ND	0	0	0	0	0	0	0	0	0
38043	Kidder, ND	0	0	0	0	0	0	0	0	0
38045	La Moure, ND	0	0	0	0	0	0	0	0	0

FIPS Code	County Name	1996 HOSPITAL RESOURCES								
		Number of Hospitals		Number of Beds			Hospitals Offering Services			
		Total Hospitals	Short Term Gen	Total	Short Term Gen	Obstetric Beds	Obstetric Care	Breast Cancer	Geriatric Care	Repro-ductive
38047	Logan, ND	0	0	0	0	0	0	0	0	0
38049	Mchenry, ND	0	0	0	0	0	0	0	0	0
38051	Mcintosh, ND	2	2	92	92	1	1	1	0	0
38053	Mckenzie, ND	1	1	24	24	0	1	0	1	0
38055	Mclean, ND	2	2	83	83	0	1	1	1	0
38057	Mercer, ND	1	1	32	32	2	1	1	1	0
38059	Morton, ND	1	1	166	166	0	0	1	0	0
38061	Mountrail, ND	1	1	25	25	0	0	0	0	0
38063	Nelson, ND	1	1	19	19	0	0	0	0	0
38065	Oliver, ND	0	0	0	0	0	0	0	0	0
38067	Pembina, ND	1	1	89	89	4	1	1	0	0
38069	Pierce, ND	1	1	236	236	0	1	0	1	0
38071	Ramsey, ND	1	1	35	35	4	1	0	0	0
38073	Ransom, ND	1	1	70	70	0	0	0	0	0
38075	Renville, ND	0	0	0	0	0	0	0	0	0
38077	Richland, ND	0	0	0	0	0	0	0	0	0
38079	Rolette, ND	2	2	144	144	0	1	1	0	0
38081	Sargent, ND	0	0	0	0	0	0	0	0	0
38083	Sheridan, ND	0	0	0	0	0	0	0	0	0
38085	Sioux, ND	1	1	14	14	0	0	0	0	0
38087	Slope, ND	0	0	0	0	0	0	0	0	0
38089	Stark, ND	2	1	113	87	8	1	1	0	0
38091	Steele, ND	0	0	0	0	0	0	0	0	0
38093	Stutsman, ND	2	1	336	56	6	1	1	0	1
38095	Towner, ND	1	1	32	32	0	0	0	0	0
38097	Traill, ND	2	2	102	102	2	1	0	0	0
38099	Walsh, ND	2	2	47	47	3	2	2	1	1
38101	Ward, ND	4	3	729	687	48	2	2	2	1
38103	Wells, ND	1	1	165	165	8	1	1	0	0
38105	Williams, ND	2	2	172	172	15	1	1	0	0
46	**SOUTH DAKOTA**	**61**	**57**	**5,737**	**5,232**	**231**	**36**	**30**	**18**	**6**
46003	Aurora, SD	0	0	0	0	0	0	0	0	0
46005	Beadle, SD	1	1	55	55	4	1	1	0	0
46007	Bennett, SD	1	1	68	68	2	1	0	0	0
46009	Bon Homme, SD	2	2	53	53	4	1	1	0	0
46011	Brookings, SD	1	1	140	140	10	1	0	1	0
46013	Brown, SD	1	1	313	313	11	1	1	1	1
46015	Brule, SD	1	1	54	54	0	1	1	0	0
46017	Buffalo, SD	0	0	0	0	0	0	0	0	0
46019	Butte, SD	0	0	0	0	0	0	0	0	0
46021	Campbell, SD	0	0	0	0	0	0	0	0	0
46023	Charles Mix, SD	2	2	83	83	2	1	0	1	0
46025	Clark, SD	0	0	0	0	0	0	0	0	0
46027	Clay, SD	1	1	95	95	2	1	1	0	0
46029	Codington, SD	1	1	122	122	10	1	1	0	0
46031	Corson, SD	0	0	0	0	0	0	0	0	0
46033	Custer, SD	1	1	12	12	2	1	0	0	0
46035	Davison, SD	1	1	183	183	11	1	1	1	0
46037	Day, SD	1	1	26	26	0	1	1	0	0
46039	Deuel, SD	1	1	20	20	0	0	0	1	0
46041	Dewey, SD	1	1	27	27	0	0	0	0	0
46043	Douglas, SD	1	1	9	9	0	0	0	0	0
46045	Edmunds, SD	1	1	61	61	0	1	0	0	0
46047	Fall River, SD	1	1	60	60	0	1	0	0	0
46049	Faulk, SD	1	1	12	12	0	0	0	0	0
46051	Grant, SD	1	1	117	117	5	1	1	0	0
46053	Gregory, SD	2	2	102	102	1	1	1	1	0
46055	Haakon, SD	1	1	50	50	0	0	0	0	0
46057	Hamlin, SD	0	0	0	0	0	0	0	0	0
46059	Hand, SD	1	1	23	23	0	0	0	1	0
46061	Hanson, SD	0	0	0	0	0	0	0	0	0
46063	Harding, SD	0	0	0	0	0	0	0	0	0
46065	Hughes, SD	1	1	191	191	16	1	1	0	0
46067	Hutchinson, SD	2	2	190	190	8	2	1	2	0
46069	Hyde, SD	0	0	0	0	0	0	0	0	0
46071	Jackson, SD	0	0	0	0	0	0	0	0	0
46073	Jerauld, SD	1	1	28	28	0	0	0	0	0
46075	Jones, SD	0	0	0	0	0	0	0	0	0
46077	Kingsbury, SD	1	1	15	15	2	1	1	0	0
46079	Lake, SD	1	1	49	49	5	1	1	0	0
46081	Lawrence, SD	2	2	66	66	3	2	2	0	0
46083	Lincoln, SD	1	1	25	25	1	1	1	0	0
46085	Lyman, SD	0	0	0	0	0	0	0	0	0

FIPS Code	County Name	1996 HOSPITAL RESOURCES								
		Number of Hospitals		Number of Beds			Hospitals Offering Services			
		Total Hospitals	Short Term Gen	Total	Short Term Gen	Obstetric Beds	Obstetric Care	Breast Cancer	Geriatric Care	Repro-ductive
46087	Mc Cook, SD	0	0	0	0	0	0	0	0	0
46089	Mc Pherson, SD	1	1	10	10	0	0	0	0	0
46091	Marshall, SD	1	1	38	38	0	0	0	0	0
46093	Meade, SD	3	3	553	553	1	1	1	0	0
46095	Mellette, SD	0	0	0	0	0	0	0	0	0
46097	Miner, SD	0	0	0	0	0	0	0	0	0
46099	Minnehaha, SD	6	4	1362	1206	57	3	3	3	1
46101	Moody, SD	1	1	18	18	0	0	0	0	0
46103	Pennington, SD	2	2	392	392	22	1	2	1	0
46105	Perkins, SD	1	1	56	56	0	0	0	0	0
46107	Potter, SD	2	1	83	61	0	0	0	0	0
46109	Roberts, SD	2	2	45	45	2	0	1	0	1
46111	Sanborn, SD	0	0	0	0	0	0	0	0	0
46113	Shannon, SD	1	1	46	46	10	1	1	0	1
46115	Spink, SD	1	1	25	25	2	1	0	1	0
46117	Stanley, SD	0	0	0	0	0	0	0	0	0
46119	Sully, SD	0	0	0	0	0	0	0	0	0
46121	Todd, SD	1	1	35	35	6	1	1	0	1
46123	Tripp, SD	1	1	116	116	4	1	1	1	1
46125	Turner, SD	1	1	77	77	2	1	1	1	0
46127	Union, SD	0	0	0	0	0	0	0	0	0
46129	Walworth, SD	1	1	48	48	4	1	1	1	0
46135	Yankton, SD	2	1	584	257	22	1	1	1	0
46137	Ziebach, SD	0	0	0	0	0	0	0	0	0
49	**UTAH**	**51**	**40**	**5,329**	**4,274**	**510**	**33**	**30**	**15**	**9**
49001	Beaver, UT	2	2	70	70	1	1	0	1	1
49003	Box Elder, UT	2	2	105	105	8	2	1	0	0
49005	Cache, UT	1	1	127	127	23	1	1	0	0
49007	Carbon, UT	1	1	84	84	10	1	1	0	1
49009	Daggett, UT	0	0	0	0	0	0	0	0	0
49011	Davis, UT	4	3	337	269	52	2	3	2	0
49013	Duchesne, UT	1	1	42	42	9	1	1	0	0
49015	Emery, UT	0	0	0	0	0	0	0	0	0
49017	Garfield, UT	1	1	44	44	0	1	0	0	0
49019	Grand, UT	1	1	31	31	1	1	0	0	0
49021	Iron, UT	1	1	36	36	7	1	1	0	0
49023	Juab, UT	1	1	20	20	0	1	1	0	0
49025	Kane, UT	1	1	33	33	7	1	0	0	0
49027	Millard, UT	2	2	40	40	6	2	2	2	0
49029	Morgan, UT	0	0	0	0	0	0	0	0	0
49031	Piute, UT	0	0	0	0	0	0	0	0	0
49033	Rich, UT	0	0	0	0	0	0	0	0	0
49035	Salt Lake, UT	17	9	2544	1918	214	7	7	5	5
49037	San Juan, UT	1	1	26	26	2	1	0	0	0
49039	Sanpete, UT	2	2	41	41	0	1	2	0	0
49041	Sevier, UT	1	1	25	25	0	1	1	0	0
49043	Summit, UT	0	0	0	0	0	0	0	0	0
49045	Tooele, UT	1	1	122	122	12	1	1	1	0
49047	Uintah, UT	1	1	29	29	0	0	0	0	0
49049	Utah, UT	5	4	899	556	80	4	4	1	0
49051	Wasatch, UT	1	1	25	25	0	0	1	1	0
49053	Washington, UT	2	1	155	137	27	1	1	0	1
49055	Wayne, UT	0	0	0	0	0	0	0	0	0
49057	Weber, UT	2	2	494	494	51	2	2	2	1
56	**WYOMING**	**30**	**27**	**2,574**	**2,131**	**115**	**20**	**21**	**8**	**1**
56001	Albany, WY	1	1	65	65	8	1	1	0	0
56003	Big Horn, WY	1	1	125	125	4	1	1	1	0
56005	Campbell, WY	1	1	119	119	15	1	1	0	0
56007	Carbon, WY	1	1	45	45	0	0	1	1	0
56009	Converse, WY	1	1	34	34	4	1	1	0	0
56011	Crook, WY	1	1	48	48	0	0	0	0	0
56013	Fremont, WY	2	2	161	161	8	1	1	0	0
56015	Goshen, WY	1	1	36	36	0	1	1	0	0
56017	Hot Springs, WY	1	1	49	49	2	1	1	0	0
56019	Johnson, WY	1	1	69	69	0	1	1	1	0
56021	Laramie, WY	3	3	310	310	18	1	1	1	0
56023	Lincoln, WY	2	2	31	31	0	2	2	0	0
56025	Natrona, WY	2	1	261	194	16	1	1	0	1
56027	Niobrara, WY	1	1	46	46	0	0	1	1	0
56029	Park, WY	2	2	309	309	10	2	2	2	0
56031	Platte, WY	1	1	86	86	0	1	1	0	0
56033	Sheridan, WY	2	1	299	60	10	1	1	0	0
56035	Sublette, WY	0	0	0	0	0	0	0	0	0

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		Number of Hospitals		Number of Beds			Hospitals Offering Services			
		Total Hospitals	Short Term Gen	Total	Short Term Gen	Obstetric Beds	Obstetric Care	Breast Cancer	Geriatric Care	Repro-ductive
56037	Sweetwater, WY	1	1	99	99	10	1	1	1	0
56039	Teton, WY	1	1	104	104	0	0	0	0	0
56041	Uinta, WY	2	1	175	38	3	1	1	0	0
56043	Washakie, WY	1	1	30	30	4	1	1	0	0
56045	Weston, WY	1	1	73	73	3	1	0	0	0
	Region VIII	339	299	34,509	29,723	2,041	194	185	98	38
	Total US	6,337	5,113	1,070,649	888,119	53,468	3,181	3,592	1,790	901

APPENDIX E

SUB-STATE DETAILED MAPS

This appendix presents state maps showing the county borders and names of the counties for each state in the region. Also, a map is presented locating American Indian reservations in the six-state region.

The maps presented are as follows:

- Colorado Page E-2
- Montana Page E-3
- North Dakota Page E-4
- South Dakota Page E-5
- Utah Page E-6
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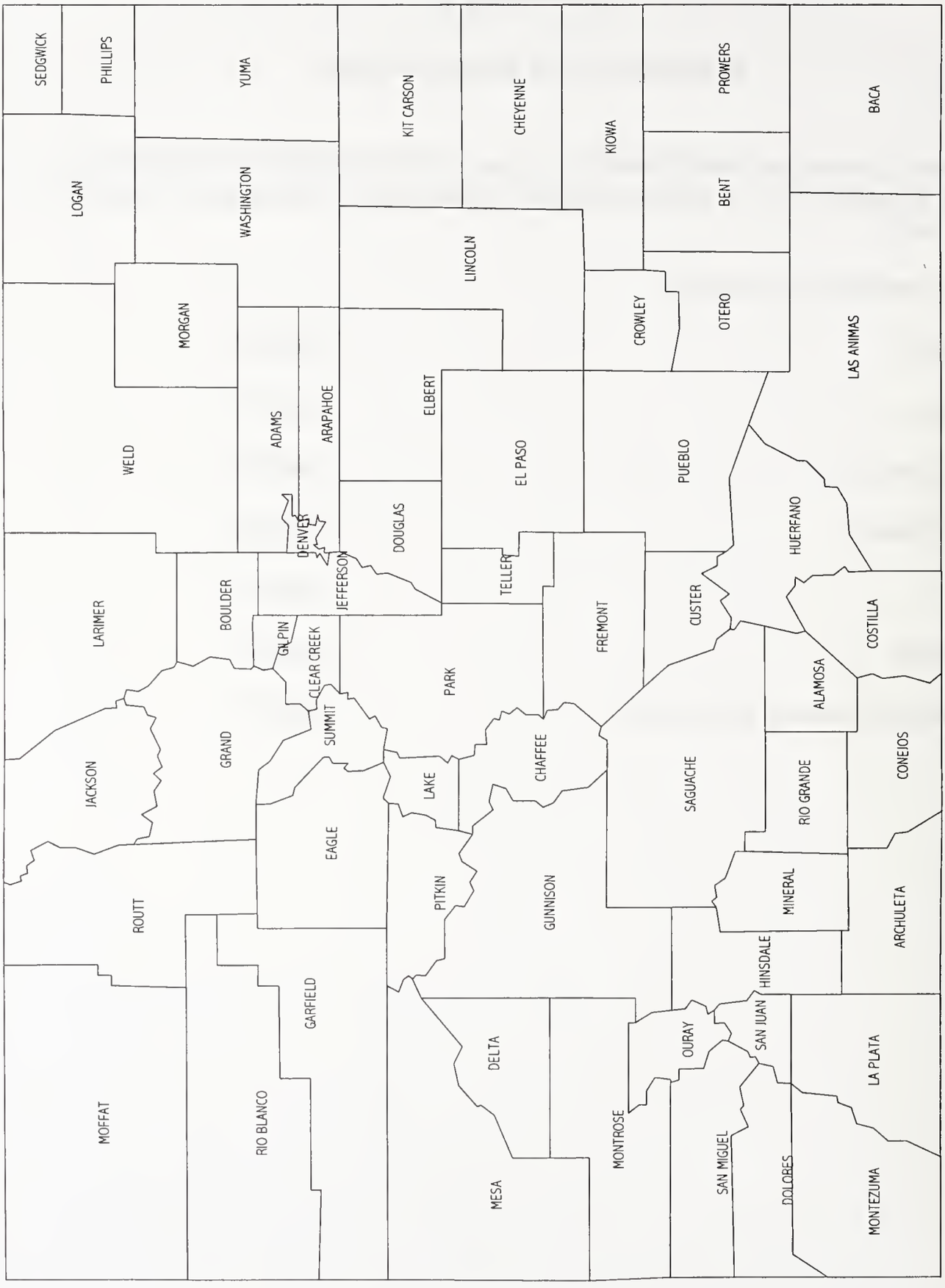
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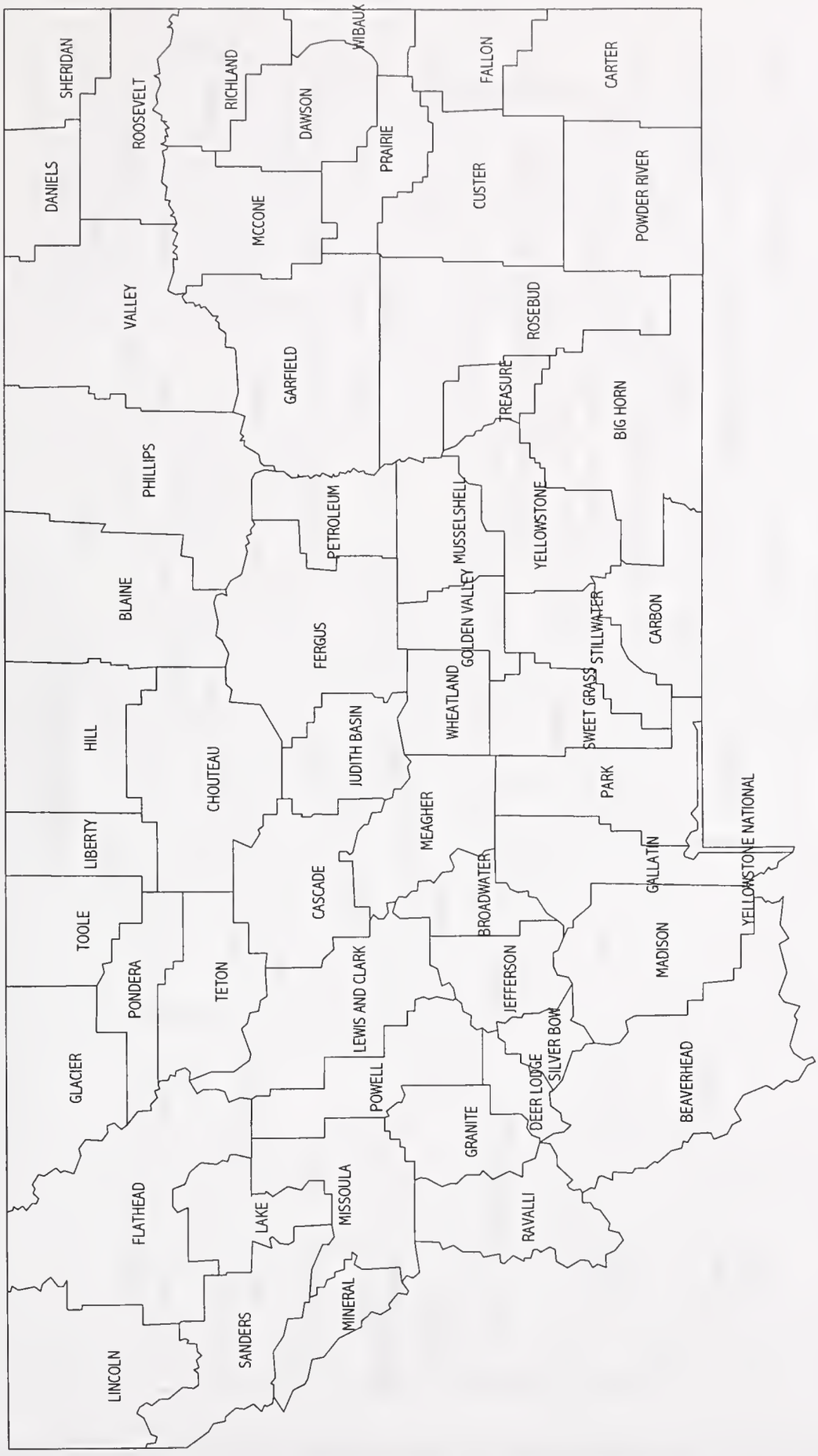
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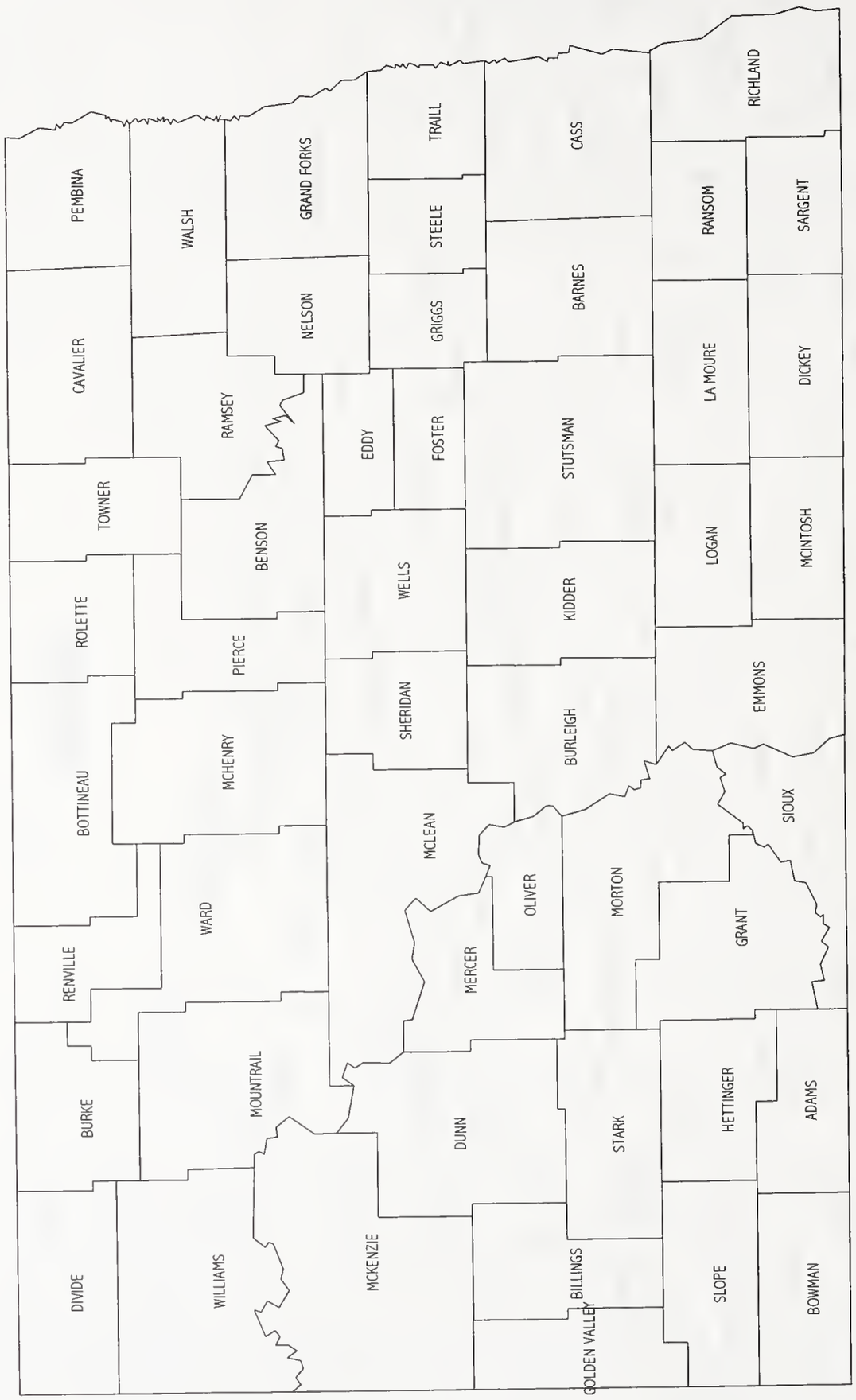
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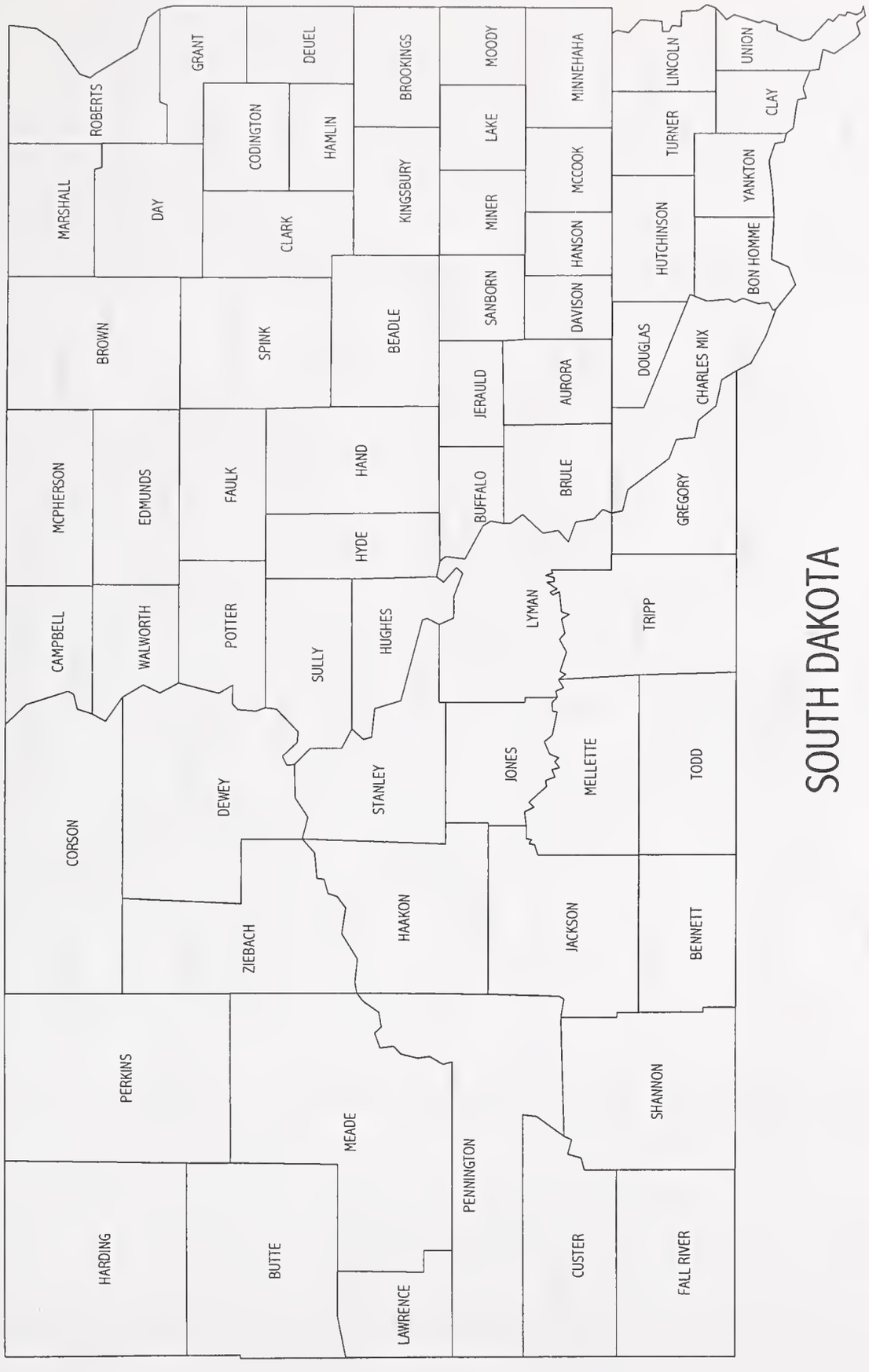
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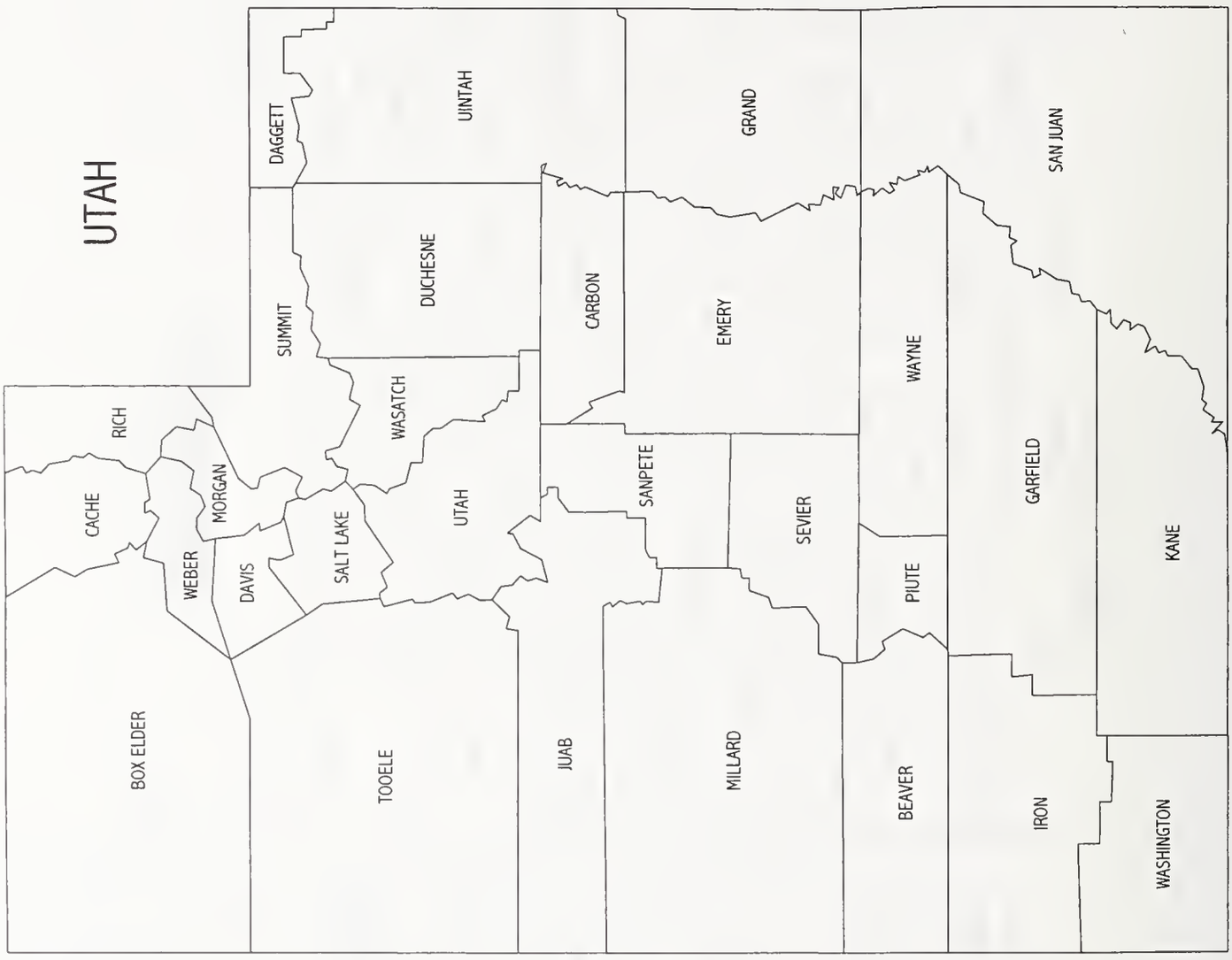
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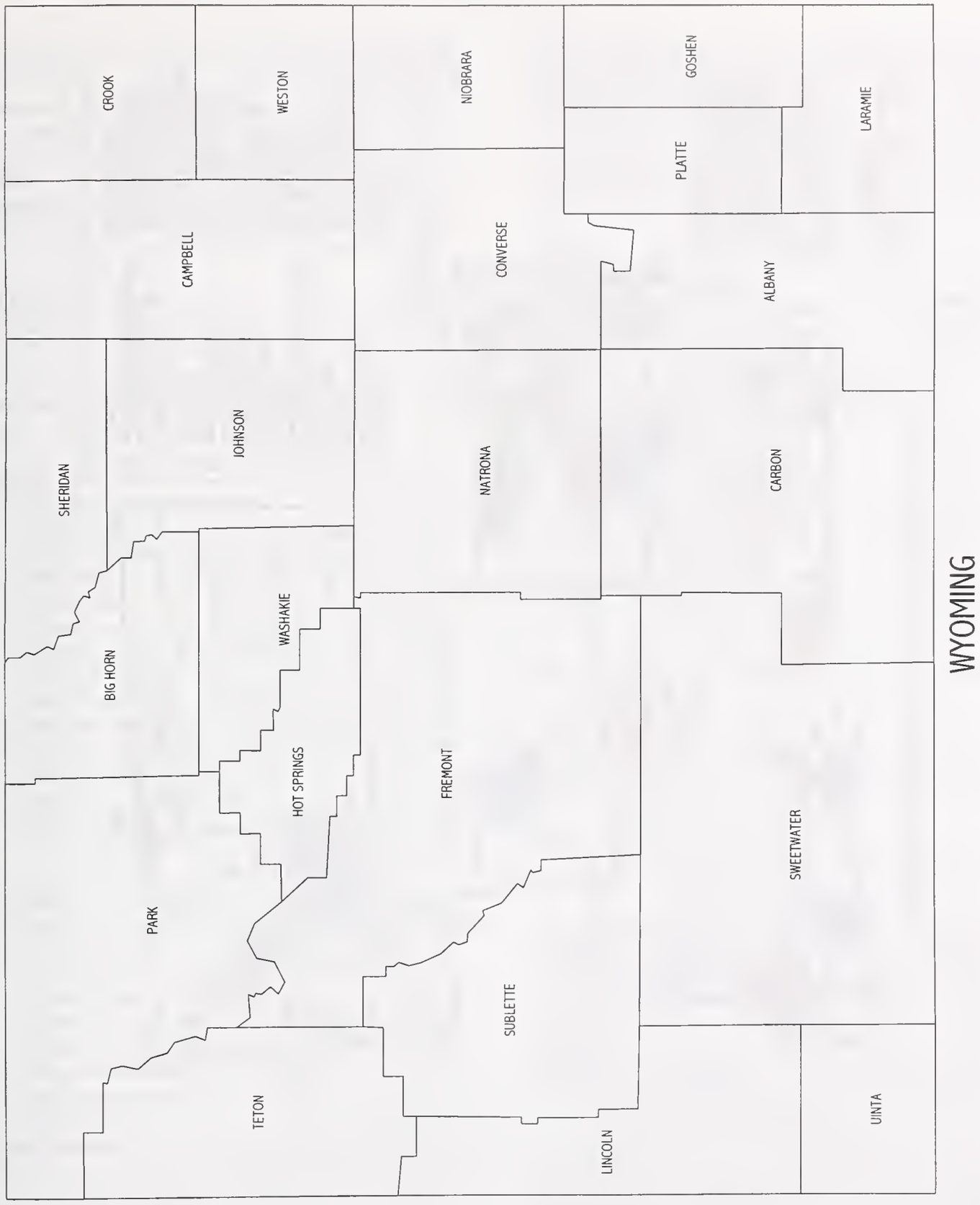
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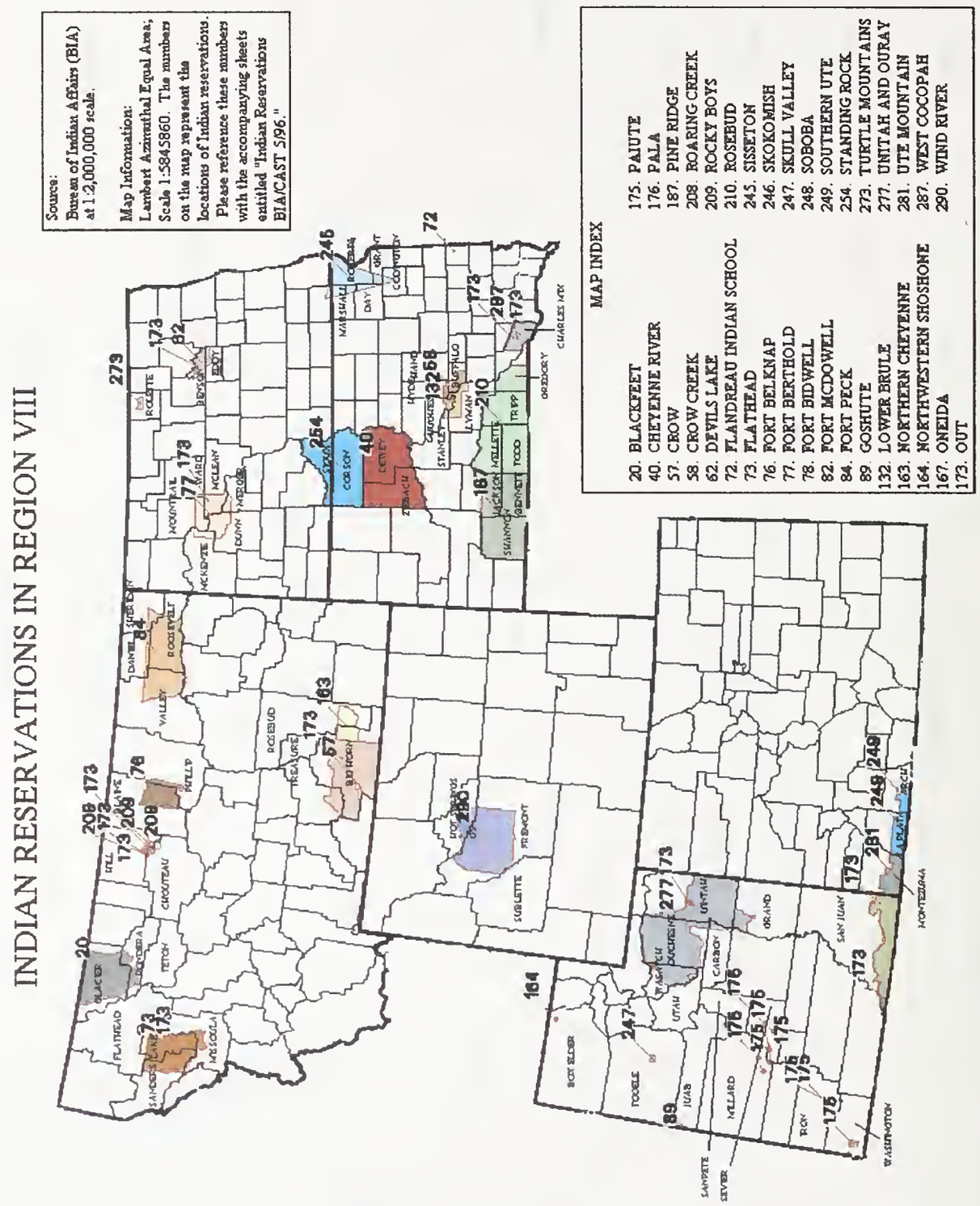
INDIAN RESERVATIONS IN REGION VIII



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